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KANSAS STATE NORMAL SCHOOL
EMPORIA

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GENERAL CATALOGUE
1913-1914

WITH
ANNOUNCEMENTS FOR
1914-1915

KANSAS STATE PRINTING OFFICE.
W. C. AUSTIN, State Printer.
TOPEKA, 1914.
5-2100

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KANSAS STATE NORMAL SCHOOL EMPORIA

General Catalogue, 1913-1914, with
Announcements for 1914-1915

KANSAS STATE PRINTING OFFICE,
W. C. AUSTIN, State Printer.
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CALENDAR FOR 1914.

JANUARY.	APRIL.	JULY.	OCTOBER.
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
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CALENDAR FOR 1915.

JANUARY.	APRIL.	JULY.	OCTOBER.
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MARCH.	JUNE.	SEPTEMBER.	DECEMBER.
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28 29 30 31	27 28 29 30	26 27 28 29 30	26 27 28 29 30 31 . .

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School Calendar, 1914-1915.

1914.

May 28-30, Thursday-Saturday—Registration of Students for Summer Term.
June 4, Thursday—Opening of Summer Term.
June 19-20, Friday-Saturday—County Teachers' Examination.
June 26-27, Friday-Saturday—County Teachers' Examination.
July 4, Saturday—Holiday.
July 24-25, Friday-Saturday—County Teachers' Examination.
July 31, Friday—Close of Summer Term.
September 3-5, Thursday-Saturday—Registration of Students for the First (September-January) Semester.
September 8, Tuesday—Opening of First (September-January) Semester.
October 30-31, Friday-Saturday—County Teachers' Examination.
November 26-27, Thursday-Friday—Thanksgiving Vacation.
December 18, Friday, 6 P. M.—Close of School for Holiday Recess.

1915.

January 4, Monday, 8 A. M.—Opening of School.
January 21-23, Thursday-Saturday—Registration of Students for the Second (January-June) Semester.
January 22, Friday—Close of First (September-January) Semester.
January 25, Monday—Opening of Second (January-June) Semester.
January 29-30, Friday-Saturday—County Teachers' Examination.
February 15—Founders' Day.
March 25-27, Thursday-Saturday—Registration of Students for the April-August Semester.
March 29, Monday—Opening of the April-August Semester.
May 27-29, Thursday-Saturday—Registration of Students for the Summer Term.
May 28, Friday, 8 P. M.—German Play.
May 29, Saturday, 8 P. M.—Commencement Exercises of Secondary School.
May 30, Sunday, 11 A. M.—Baccalaureate Service.
May 31, Monday, Senior Day, 8 P. M.—Senior Class Play.
June 1, Tuesday, Alumni Day, 3:00 P. M.—Alumni Business Meeting.
4:00 P. M.—Alumni Reception.
8:30 P. M.—Graduation Concert, Department of Music.
June 2, Wednesday, 9:30 A. M.—Commencement Exercises.
12:00 M.—Alumni Dinner.
June 3, Thursday—Opening of Summer Term.

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Officers of Instruction and Administration.

Officers of Instruction.

EXPLANATION OF REFERENCE MARKS.

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|------------------------------|-------------------------------|
| * Summer School, 1913. | 3. Assistant second semester. |
| 1. Resigned January 1, 1914. | 4. Second semester. |
| 2. Absent on leave. | |

THOMAS WALTER BUTCHER. A. B., University of Kansas; A. M., Harvard University; graduate study, University of Berlin. *President.*

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DANIEL A. ELLSWORTH.* Kansas State Normal School. *Professor of Geography.*

FRANKLIN L. GILSON. Ph. B., Upper Iowa University; Cumnock School of Oratory; University of Chicago; Boston School of Expression. *Professor of Public Speaking and Expression.*

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- DANETTA M. ECKDALL. School of Design, Pittsburg, Pa.; Art Students' League, New York; William Chase's School, New York; Chautauqua Arts and Crafts, Chautauqua, N. Y.; Atkinson Mentzer Summer School, Chicago. *Instructor in Drawing.*
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FLORENCE HOBART. University of Kansas; Conservatory of Music, Kansas City, Mo. *Accompanist and Instructor in Piano.*

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CHARLOTTE LEWIS.* A. B., Kansas State Normal School; Sargent School of Physical Training. *Instructor in Physical Training for Women.*

CARL LINDEGREN. Augustana College; pupil of Gustaf Holmquist, Albert Borroff, Emil Larson, and Olaf Andersen. *Instructor in Voice Culture.*

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ARTHUR E. MULLINS.¹ B. S., Mississippi Agricultural and Mechanical College; M. S., University of Chicago. *Instructor in English.*

ANNA BELL NEWTON. B. L., A. B., Ohio Wesleyan University; A. M., University of Michigan; graduate study, University of Chicago; Oxford University. *Instructor in English.*

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CHARLES MOSS. *Custodian of Buildings and Grounds.*

Lecturers, State-Wide Institute.

SUMMER SCHOOL, 1913.

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J. C. BROWN. Professor of Mathematics, Horace Mann High School; Teachers' College, New York. *Mathematics.*

E. H. K. MCCOMB. Professor of English, Manual Training High School, Indianapolis, Ind. *English.*

WILLIAM WIRT. Superintendent of School, Gary, Ind. *School Administration.*

J. H. KEENE. Professor of Rural School Administration, University of Texas. *Rural School Administration.*

LETHA MCCLURE. Director of Public School Music, Columbia College of Music, Chicago. *Public School Music.*

ARAMINTA HOLMAN. Instructor in Drawing, Kansas State Normal School. *Drawing.*

W. A. VAN VORIS. Instructor in Science, Kansas State Normal School. *Kitchen Chemistry.*

MINNIE E. PORTER. Instructor in English, Kansas State Normal School. *Story Telling.*

DR. F. W. WHITE. Professor of Physiology and Hygiene, Kansas State Normal School. *Community Civics.*

FISKE ALLEN. Professor of Mathematics, Kansas State Normal School. *Geometry Teaching.*

CLAIR TURNER. Director of Physical Training for Men, Kansas State Normal School. *Plays and Games.*

CHARLES PHIPPS. Professor of Agriculture, Kansas State Normal School. *Agriculture.*

Lecturers, Summer School, 1914.

(One week each.)

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PROF. H. L. MILLER. University of Wisconsin. "PROBLEMS OF HIGH SCHOOL ADMINISTRATION."

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SUPT. L. W. MAYBERRY. Wichita, Kan. "SCHOOL ADMINISTRATION."

GENERAL INFORMATION.

HISTORICAL.

The State Normal School of Kansas was located at Emporia by act of the legislature passed in February, 1863, the legislature of 1864 provided for the appointment of a Board of Regents and the organization of the School, and the first appropriation bill, \$1000, for the salaries of teachers was approved February 29, 1864. The School opened its doors to students and began regular work in the upper room of a school building owned by the city of Emporia, February 15, 1865, with one teacher, L. B. Kellogg, and eighteen students. The first building for the use of the School erected by the state was dedicated January 2, 1867; the first graduating class, consisting of two young women, was the class of 1867. Since that time the School has graduated more than 2000 young men and women, and numbered probably 25,000 among its undergraduate students; almost the entire number of these have engaged for a longer or shorter time in teaching in the schools of Kansas and of other states, and the influence of the School has been a positive and powerful factor in the educational life of the state during all the forty-nine years of its history. By the legislature of 1901 the Normal School at Hays, and by the legislature of 1903 the Normal School at Pittsburg, were established as auxiliary to the State Normal School at Emporia, and designated respectively "The Western Branch State Normal School" and "The Manual Training Auxiliary." The management of the three schools is by law vested in one Board of Educational Administration.

PURPOSES OF THE SCHOOL.

The act organizing the School and locating it permanently at Emporia provided that its exclusive purpose should be "the instruction of persons, both male and female, in the art of teaching," and designated in general terms such branches of instruction as were then recognized as necessary for the accomplishment of that end. The School throughout its history has been conducted in the spirit of its foundation and with specific reference to its function of preparing teachers for the public schools of the state. The field of the Normal School as an essential part of the school system of the state implies a recognition of the principles that proficiency in the art of teaching is dependent upon thorough knowledge of the fundamental principles of the science of teaching, that this knowledge should be both historical and philosophical, and that clear conceptions of methods can most readily be attained by an intelligent study of them in practical operation. The Normal Schools of the state, then, organized into one system, assume as their field specifically the professional function. The place and value of every subject in the course of study is determined by its relation to this end, the method of approach to every subject of instruction has the teaching purpose particularly in view, and in every way the Normal School seeks to develop a distinctive teaching atmosphere, to foster the best expression of the teaching spirit, and to set the highest standards for teaching preparation. To fulfill its mission adequately, and to meet the legitimate demands made upon it, the Normal School recognizes that it must touch every phase of public-school life in the state, must lay the foundations of broad and thorough scholarship and professional training for every grade of school work, and must seek to be a progressive center of educational thought and a disseminator of the best teaching ideals to the schools of every community.

LOCATION.

Emporia, the home of the State Normal School, is a city of approximately 10,000 inhabitants, situated between the Neosho and Cottonwood rivers, in a beautiful and healthful location, easily accessible from all parts of the state. Its railroads are the main line and three branches of the Atchison, Topeka & Santa Fe Railway, and the Neosho branch of the Missouri, Kansas & Texas. Emporia combines ideally the characteristics of a model school town. It is a substantial business city in the center of a prosperous agricultural community. Its well-kept lawns, its commodious and comfortable homes, its public buildings, and its numerous schools and churches are external evidences of the spirit of the community; it has also long been known as one of the most attractive residence and home cities of the West. It is often designated as a city of schools and churches, and the educational and moral tone of the community is wholesome and helpful in the highest degree. Students find a cordial welcome to their church homes in the various places of worship in the city, and they have no difficulty in finding places for room and board with congenial surroundings where the moral safeguards are the very best. Many families in the city are particularly identified with the life of the School because they have been especially attracted to Emporia as a place of residence by its educational opportunities.

BUILDINGS, GROUNDS AND EQUIPMENT.

The Normal School grounds are located immediately adjacent to the city at the north end of Commercial street, the leading business street of Emporia. The original campus of twenty acres has been enlarged by successive purchases so that it now includes about thirty-five acres, including one of the most satisfactory and best equipped athletic fields in the state. The group of buildings includes:

THE MAIN BUILDING.

The central portion was built originally in 1880, but enlarged by the addition of a wing on the west in 1887, and on the east in 1895. In the east wing is the beautiful addition known as "Albert Taylor Hall." The entire building is devoted to the purposes of administration and instruction, is about 300 feet long, and contains 80 rooms, exclusive of closets and wardrobes—well lighted, well ventilated, attractively and comfortably furnished with direct reference to the needs of the modern schoolroom. It is heated by steam, has a complete system of motor ventilation, a private telephone exchange with direct connection with the city system, is supplied with water, gas and electric light; in short, is fully equipped with whatever adds to the comfort and convenience of student life.

THE KELLOGG LIBRARY.

Named in honor of Lyman Beecher Kellogg, first president of the School. It was completed in 1902, at a cost of \$60,000; an attractive building in exterior and interior. In arrangement and equipment it is well adapted to the purposes of a modern educational library. On the first floor are newspaper room, young people's department, library science department, an educational document room, and lecture room. On the second or main floor are the reading room, reference department, the loan desk, the stacks, the cataloging rooms, and the librarian's office.

THE TRAINING SCHOOL BUILDING.

Completed in 1905, at a cost of over \$30,000. It is arranged especially for practice teaching, and contains accommodations for the kindergarten and the eight grades of the common school. It has a good equipment, with playroom, manual training, kindergarten kitchen, and ample playgrounds. It is notable for its good light and ample ventilation. Valuable and appropriate pictures are on the walls. Its equipment is being added to from year to year.

THE NORTON SCIENCE HALL.

Erected at a cost of \$50,000; was occupied by classes in September, 1907, and formally dedicated to the uses of the School November 15, 1907, with appropriate exercises. The building was named, by authority of the Regents, "The Norton Science Hall," in honor of Henry B. Norton, first teacher of natural science in the School and associate principal under L. B. Kellogg. Modern laboratories and lecture rooms, equipped with the best scientific apparatus, are provided for the science work. The museum is rich in specimens illustrating the various lines of physical science. The building offers first-class, up-to-date conditions for the study of science.

THE PHYSICAL-TRAINING BUILDING.

Was first used for classes in February, 1910, and formally opened with appropriate exercises April 15, 1910. The dedicatory address was given by Dr. Henry S. Curtis, vice president of the American Playground Association. It is in every respect modern and designed exclusively for gymnasium purposes. The heating, lighting and ventilation of this building are perfect and the equipment is up to the standard of to-day. The basement is equipped with dressing rooms, steel lockers, shower baths, and a swimming pool. The second floor is for heavy apparatus and marching. The main room on this floor is 158 feet long and 66 feet wide. It may be used as one room or divided by rolling partitions into two. At the ends of the building on this floor and the next are offices and consulting rooms. The third floor is used for basket-ball and kindred games, and offers one of the best basket-ball courts in the state. Above this is a gallery for spectators and a running track. The floors of the large rooms are of hard maple, making ideal surfaces for gymnastic purposes. This magnificent building, costing over \$100,000, is to be devoted exclusively to physical-training classes and work.

MUSIC HALL.

Directly east of the main building; was purchased in June, 1910, from the estate of the late C. V. Eskridge, and has been occupied since September, 1910. The building contains four private studios for the instructors in instrumental and violin music, two recitation rooms for classes in theory and harmony, and an office. It is well lighted by electricity and furnishes very comfortable and convenient accommodations for the work in music.

THE EMERGENCY HOSPITAL.

Provided with equipment necessary for the care of the students who are ill. A trained nurse is in charge of the hospital. A small fee is required of all students for meeting the expenses of the nurse. The plan of caring for sick students has proved very effective. Precautionary and preventive measures have checked epidemics and conserved health.

THE POWER, HEATING AND LIGHTING PLANT.

Situated in the rear of the other buildings; is equipped with a modern battery of boilers, engine and generator, which furnishes heat and light for all the buildings as well as electric power for the blower-fan system of ventilation.

THE ATHLETIC FIELD.

On the northwest part of the campus; gives abundant facilities for all outdoor games. The drainage of the grounds is perfect, so their condition seldom prevents use. The field has been enlarged by the purchase of additional ground on the north, and additional tennis courts are being added as needed.

FEES.

Unless otherwise arranged, fees are to be paid at the beginning of each semester.

HOSPITAL. Each school year, or fraction thereof, all students in college and secondary courses pay one dollar per year, to be used as a fund for the care of the sick. This fee will not be refunded.

GYMNASIUM. All students enrolled for gymnasium work pay a gymnasium fee of one dollar for each semester.

NONRESIDENT. Nonresident students pay a fee of ten dollars per semester additional to other fees. This applies to students who have not been living in Kansas for six months prior to enrolling.

CORRESPONDENCE WORK. Students taking work by correspondence pay fees indicated in special correspondence circular.

LABORATORY. The cost of work requiring laboratory will be based upon the supplies actually consumed. A deposit is required. This is indicated where such courses are listed and described.

MUSIC. For fees in Music Department, see under that head.

EXPRESSION. Private instruction, twenty lessons, \$15.

COMMERCIAL STUDENTS. Students who take only commercial subjects are classified as irregular, and are held for the payment of irregular fees.

LIBRARY SCIENCE STUDENTS. Students who take only library science subjects are classified as irregular, and are held for the payment of irregular fees. These are indicated under that head.

EXAMINATION. Students taking special final examinations pay a fee of one dollar for each examination taken. Students regularly enrolled pay the regular examination fee of one dollar for the privilege of taking the county examination under the supervision of the officers of the State Normal School. No credit is given for certificates of enrollment in county institutes.

REFUNDING FEES. Except as otherwise stated, the unused portion of fees will be refunded, or will be credited to the student, only in cases of protracted illness.

IRREGULAR STUDENTS.

The student is *Irregular* who carries but one subject; who chooses to take some other course than the regularly prescribed course; who selects work independent of any course; who takes subjects in the regular course of study more than one semester in advance of the work of the semester in which he is classified; who takes at the same time two or more subjects in any department, except as it can be shown that this is conforming regularly to the course which he is taking.

IRREGULAR FEES:

Taking one subject one semester.....	\$10.00
Irregular in one subject one semester.....	4.00
Except irregular in one commercial subject.....	8.00
Irregular in two subjects one semester.....	8.00
Irregular in two commercial subjects one semester.....	16.00
Irregular in three or four subjects one semester.....	10.00
Irregular in three or four commercial subjects one semester...	20.00

HOSPITAL FUND.

This fund is provided by the fee of one dollar per year paid by all students in the college and secondary courses. It is used to pay salary of the head nurse, for such emergency hospital supplies as are necessary, and for unavoidable expenses required for proper care of the sick. The hospital fund has met with generous approval and has contributed to better general health and to the comfort of the students.

The hospital fund is administered subject to the following rules:

1. That the responsibility of the nurse extends to the advising of students in cases of mild illness and to the care of more serious cases until other arrangements can be made.

2. That the building be called the "Normal Emergency Hospital," and the fund be designated "Emergency Hospital Fund."

3. That students will be taken from their rooms to the hospital only in cases of emergency.

4. That patients be cared for in the Emergency Hospital no longer than the time necessary to communicate with their parents or friends and arrangements can be made for their safe removal.

5. That patients cared for in the hospital pay day charges at the rate of seventy-five cents a day. This will cover food and simple remedies, but includes neither doctor's fees nor prescriptions.

6. That patients in the Emergency Hospital may call the physician they prefer, and will then be under his care and that of the resident nurse until removed.

7. That cases of contagious diseases be not taken into the Emergency Hospital.

8. That a housekeeper be employed at the Emergency Hospital to care for the house and to furnish meals.

9. That the nurse may have certain hours within which she will make calls.

BOARD AND ROOMS.

Many students are paying as low as \$3 for board in private families, while a very few pay as high as \$4 a week.

Board in clubs costs from \$2.75 to \$3.50 per week. Those who board themselves reduce the cost about one-half. A careful comparison with the cost of living at other schools in the state shows that students demanding the same kind of accommodations live with as little expense here as at any of them. Every effort is made to reduce expenses to the minimum.

Rooms, unfurnished, \$3 to \$5 per month; furnished, \$5 to \$10 per month, according to size and conveniences.

It is not necessary to engage rooms before you come. It is always more satisfactory to see what you are engaging before you make definite arrangements.

There is a committee of the Faculty which inspects and investigates all conditions affecting boarding and rooming places. Places which they recommend are then placed on an approved list. Men and women are not permitted to room in the same house, and householders, as well as students, are held responsible for the carrying out of the regulation. The approved list of rooms for women can be consulted at the office of the Dean of Women and that for men at the General Office. In houses where women students are rooming suitable arrangements for the use of a parlor for the reception of guests are required by the committee in charge.

We strongly recommend that all women get their rooms through the office of the Dean of Women. Experience proves this to be the most satisfactory way.

THE SCHOOL YEAR.

The school year is divided into two semesters of approximately eighteen weeks, and the Summer Term, equivalent to a half semester. The year opens with the Summer Term. The first semester is from September to January, inclusive, and the second semester is from February to May, inclusive. The organization of new classes, March 29, some of which are for a half semester and others for a full semester, provides for those entering at that time.

EXAMINATIONS.

There is no institution regulation requiring a final examination. However, any instructor may as a part of the regular work of a course require that students take a final examination.

The privilege of taking examinations may be given to students returning to school after an extended absence, during the first semester succeeding their return, after consultation with, and the consent of, the head of the department in which the work is requested, upon the presentation of the Financial Secretary's receipt for the fee required.

In cases where the head of the department feels that there is reason for giving permission to complete credit by examination, such permission after the regular twenty weeks are past is subject to reference to the committee on Scholarship, Records and Extra Work.

Students entering for the first time and wishing examinations to establish credit on work will report as follows: Those of college rank to the Registrar; those of secondary rank to W. H. Carothers, Principal of the Secondary School. Upon the payment of the special examination fee, the examination may be taken. (See under Fees.)

COUNTY EXAMINATION.

Regularly enrolled students of the State Normal School may, upon the payment of the usual examination fee of one dollar for each examination, present themselves for examination for county certificates to be conducted under the supervision of the officers of the State Normal School at any time when such an examination is given at any point in the state. The papers in such examination will be sent to any county designated by the applicant, there to be examined by the county board of examiners, who will issue certificates to the successful applicants under the same conditions as if the examination had been conducted under their supervision.

The dates of the county teachers' examinations are: June 19, 20, June 26, 27, July 24, 25, October 30, 31, 1914, and January 29, 30, 1915.

CHAPEL.

The chapel exercises are held Monday, Wednesday and Friday from 10 to 10:20. Attendance is required.

CERTIFICATES AND DIPLOMAS.

ONE-YEAR STATE CERTIFICATE.

A One-year State Certificate is granted to such students of the State Normal School as apply for it, who have been at least one semester in attendance, and who have completed satisfactorily the following sixteen units of work of the secondary school grade, distributed as follows:

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.

Oral English, 1 unit.

Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, $1\frac{1}{2}$ units.

Geometry, $1\frac{1}{2}$ units.

Arithmetic, 1 unit.

Bookkeeping, $\frac{1}{2}$ unit.

Required: Two and one-half units, one-half unit being arithmetic or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted:

Botany, 1 unit.
Physics, 1 unit.
Agriculture, 1½ units.
Geography, 1½ units.
Physiology, ½ unit.

Required: Three units, one-half unit being geography and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted:

American history, 1½ units.
European history, 2 units.
Civics, ½ unit.

Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted:

Methods and management, ½ unit.
Psychology, ½ unit.

Required: One unit.

GROUP 6.—ARTS.

May be submitted:

Drawing, 2 units.
Music, 1½ units.
Physical training, ½ unit.
Manual training, 2 units.
Domestic science or domestic art, 2 units.
Penmanship, 1 unit.

Required: One unit.

ELECTIVE.

May be submitted:

4 units.

Required: Four units.

SECONDARY SCHOOL DIPLOMA.

To receive the diploma of the Secondary School pupils must have been in residence one semester and have completed sixteen units of work, ten units of which are required and six are elective. The required work includes:

English, 3 units.
Algebra, 1 unit.
Geometry, 1 unit.
Botany or Agriculture, 1 unit.
Physics, 1 unit.
History, 1 unit.
Hygienic Physiology, ½ unit.
Civics, ½ unit.
Arts, 1 unit.

Only one-half unit in Physical Training and Chorus Singing and one unit in Instrumental Music may be counted toward graduation.

Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course, indicated by a star in the course of study.

THE THREE-YEAR STATE CERTIFICATE.

A Three-year State Certificate may be issued to those who have been in residence one semester and have satisfactorily completed thirty-two hours of college work, which shall include:

English, or Speech Arts, 3 hours.

Psychology, 3 hours.

General Methods and Observation, 3 hours.

Physical Training, 1 hour.

Advanced Arithmetic, or Applied Elementary Mathematics, 4 hours.

Geography, 3 hours.

American History or Government, 3 hours.

Physiology, 3 hours.

Music or Drawing, or Home Economics, or Manual Training, or Bookkeeping and Penmanship, 4 hours.

Provided, that if the above subjects (except English, General Methods and Observation, and Physical Training) have been represented in the units of secondary work they may be omitted from the foregoing requirements, but other college courses must be offered as electives for a like number of hours.

Elective, 5 hours.

MUSIC CERTIFICATE.

A certificate is given by the Department of Music to those students who have completed the work of the secondary course as listed in the work of that department, and in addition courses 9 and 10 of the advanced course in piano and their prerequisites, violin, or two semesters of voice culture; harmony, six hours; history of music, six hours; musical analysis, two hours; class music, two hours; ensemble playing or singing, two hours; physical training, one hour.

MUSIC DIPLOMA.

A diploma is given by the Department of Music to those students who have completed the work leading to the music certificate and courses 11 and 12 in piano and their prerequisites, violin, or an additional year of voice culture; counterpoint, six hours; ensemble playing or singing, two hours; physical training, two hours; electives, eight hours.

A graduate course, including courses 13 and 14 in piano, violin, or an additional year of voice culture; fugue, four hours; instrumentation, four hours; physical training, two hours; electives, sixteen hours.

Elective subjects may be chosen from the following departments: Art, English, Modern Languages, Pedagogy, Psychology, Speech Arts, Piano, Voice Culture, Theory of Music and Public-school Music. The choice of electives will depend upon the major selected and the general needs of the student.

TEACHER'S CERTIFICATE IN PUBLIC-SCHOOL MUSIC.

High-school graduates who complete thirty-two hours of work in the Department of Music, twenty hours of which shall be sight singing, ear training, methods and related subjects, will be granted a certificate stating their ability to teach music in the schools. This certificate will be of service in those cities where no state certificate is required for the teaching of music.

SUPERVISOR'S CERTIFICATE IN PUBLIC-SCHOOL MUSIC.

Students who have met the requirements for the Three-year State Certificate will be granted the Public-school Music Certificate if they have completed twenty-eight hours of sight singing, methods, chorus drill, voice, practice teaching, appreciation, conducting, and ensemble.

MUSIC SUPERVISOR'S DIPLOMA.

Holders of the Supervisor's Public-school Music Certificate will be granted a Supervisor's Diploma upon the completion of an additional year of work, which shall comprise five hours of psychology and English, eight hours of instrumental and vocal instruction, fifteen hours of class work, including advanced ear-training and harmony, history of music and melody writing.

MANUAL-TRAINING CERTIFICATE.

The Manual-training Certificate issued by the Kansas State Board of Education is granted to holders of any valid teacher's certificate who have completed the following courses: Mechanical drawing, advanced mechanical drawing, elementary woodwork, advanced woodwork, joinery, cabinetmaking, wood turning, advanced wood turning, and theory and practice, or the equivalent of these courses, and the practice teaching in manual training.

LIFE CERTIFICATE.

The student who is a graduate of an accredited high-school course, or has had equivalent training, who has been in residence one semester, and who has completed sixty-four hours of college work as outlined below, is given a diploma which is legally a life certificate to teach in the public schools of Kansas. Students completing this work are entitled at once to the privileges incident to graduation. Students completing the work in August will be classed with class of the preceding June. The roll of the class for graduation is made up the first of April, nine weeks prior to commencement, and all work except such as is included on the student's program for that semester must be completed by that time in order that students may be listed for graduation with the class. Candidates for August graduation should be listed as such one week prior to commencement exercises in June.

KINDERGARTEN LIFE DIPLOMA.

The work of this course covers two years of college work, and is open to graduates of four-year high schools, or schools of equal rank. The specific requirements are indicated on a later page of this catalogue. The general requirements are the same as those governing the Life Certificate.

THE DEGREE OF BACHELOR OF SCIENCE (IN EDUCATION).

The student who has been in residence two semesters, and who has completed one hundred twenty-four hours of work as outlined below, is given the degree of bachelor of science (in education). The diploma given has the same legal significance as a teacher's certificate as has the Life Certificate spoken of above.

SPECIAL CERTIFICATES.

Certificates representing special work done in connection with the life certificate course for primary teachers, for intermediate and grammar grade teachers, for rural school teachers, and for kindergarten teachers, are given. The requirements for these certificates are outlined in connection with the college work on later pages of this catalogue.

SUMMER SCHOOL.

The courses given in the Summer School cover the work of the various departments. Credit earned then applies to the requirements the same as does credit earned at other times of the year. The courses given and the credit of each are indicated in the beginning of each course description. The library, laboratories and gymnasium are open for the use of

students. There are many special features for teachers—review courses, practice teaching and observation in the Training School, and a series of special lectures continuing through the entire term, for which credit will be given. The opening date is June 3. Ask the Director for a special catalogue.

STATE-WIDE INSTITUTE.

The State-wide Institute, which has become recognized as an integral part of the Summer School, will be held this year in another form. In the past it has been given as a special ten-day session for principals, superintendents, and teachers in normal-training high schools. It has been impossible in the past to correlate the work of the institute specialists with that of the regular school work, with the result that the Summer School students were unable to profit by it.

Our present plan contemplates the extension of the institute to cover the whole period of the Summer Term. A group of experts in the newer phases of education have been secured, who will present special features of interest to every teacher. These lecturers are announced on an earlier page of this catalogue. At 9:30 each morning a lecture of approximately one hour will be given, to be followed at a later period of the day by conference and discussion. By this plan it will be possible to give credit to all who attend the course. Address all communications to the Director of the Summer School.

THE EXTENSION DIVISION.

All phases of extension work done by the Kansas State Normal have this year been centralized in the Extension Division. The Division consists of the following departments:

THE APPOINTMENT BUREAU.

This Bureau is managed jointly by the institution and the Alumni Association through a board of seven members. The registration in the Bureau is more than one thousand, and from this number candidates for every line of school work can be selected. Those enrolled are carefully catalogued and classified so that recommendations can be quickly made when calls for teachers are received. Papers showing the records of candidates are sent to superintendents and boards of education when recommendations are made to them. This information is in every case to be returned to the Bureau. The Appointment Bureau insures more certain placing of teachers at graduation and more rapid advancement of those in the field. It provides a systematic method for getting school boards and teachers together. It keeps on file complete and accurate reports as to the success of its teachers. It sends out teachers almost every week in the year.

CORRESPONDENCE-STUDY.

For the first time in its history the State Normal School is doing a large amount of work in correspondence-study. Work by correspondence is offered in practically every department of instruction. A definite but reasonable fee per hour or unit is required. This work is all outlined in a special catalogue which may be had for the asking.

In conjunction with the work in correspondence-study provision is made for the organization of study groups to be conducted by members of the Faculty or by approved superintendents or principals. Several such groups have been organized over the state. Those who complete satisfactorily the work in these groups will be given credit which will count toward graduation just the same as work done here in residence. Many such groups will be organized during the coming year.

EXTENSION LECTURES.

This department offers lectures and entertainments to the communities of Kansas. Every activity of the School is represented in the Extension pamphlet issued by this department. Teachers' associations, parents' meetings, social centers, men's clubs, women's clubs, and other organizations can select to advantage from the list of lectures and entertainments offered.

BUREAU OF INFORMATION.

In coöperation with the Library this department takes care of inquiries as to library helps, book lists, etc. It issues bulletins of various kinds. It offers the advice of Faculty members in regard to building and equipment of school plants, methods of instruction, etc. Special effort is made to answer fully every inquiry that is received.

This department also provides a Victrola with records and lecture on music appreciation, motion pictures, microscope slides, lantern slides, drawing exhibition, etc.

STUDENTS' LOAN FUND.

The class of 1899 made a gift of \$111.60 to be used as a fund for aiding students. The fund was put in the care of a board of trust composed of the president, vice president, and the head of the department of physics and chemistry. Students who are within one year of graduation have preference in securing loans. When their needs have been met other students may secure loans in order of seniority. The plan proved to be satisfactory, and several other classes have added to the fund. Following is a statement of the fund to date:

March 1, 1914.

GIFTS BY CLASSES.

Class of 1899	\$111.60
Class of 1900	107.56
Class of 1901	141.65
Class of 1905	27.00
Class of 1908	235.00
Class of 1909	168.28
Class of 1910	197.90
Class of 1911	107.16
Class of 1912	79.50
Class of 1913	51.55

Total gifts to date.....\$1,227.20

Bills receivable September 30, 1913.....\$1,708.00

Cash on hand September 30, 1913.....4.85

Interest from September 30, 1913, to date.....40.53

Present worth of Loan Fund.....\$1,753.38

The making of loans is in the hands of the committee above mentioned, of which Prof. James W. Mayberry is treasurer. Students interested should inquire of him.

LECTURES AND ENTERTAINMENTS.

A high-class lecture course of five or six numbers has for years been maintained under the general direction of a committee of the Faculty. These courses include from time to time the very best available talent on the American platform for concerts, readings and addresses, selected with special reference to the educational, artistic and inspirational value of their work to the student body. In addition to the regular lecture course, provision is made for addresses from time to time from men and women of note in all lines of intellectual activity on educational and

other themes, and the presentation from the platform of the best in the various forms of artistic expression. The broadening of outlook, the stimulus to thought, and the growth of appreciation as to fine arts and its best forms of expression, make the frequent opportunities that are given to hear men and women of reputation in various lines of achievement one of the most helpful features of school life. The following appeared during the past year:

FORTY-NINTH COMMENCEMENT SPEAKERS.

Reverend H. Percy Silver, Secretary of the Seventh Missionary Department of the Episcopal Church, Topeka, Kan., Baccalaureate sermon.

President Joseph Henry Hill, "Ideals and Standards in Teacher Training," Commencement address.

SUMMER SCHOOL SPEAKERS AND ENTERTAINMENTS.

Dr. William A. Wirt, Superintendent City Schools, Gary, Ind.

Prof. E. H. Kemper McComb, Supervisor of English, Manual Training High School, Indianapolis, Ind.

Miss Letha McClure, Director of Public School Music, Columbia College of Music, Chicago; and Supervisor of Music at Lake Forest, Ill.

Prof. J. H. Keene, Department of Rural School Education, University of Texas.

Miss Araminta Holman, Department of Drawing, Kansas State Agricultural College, Manhattan.

Prof. J. C. Brown, Department of Mathematics, Horace Mann School Teachers' College, Columbia University.

REGULAR LECTURE COURSE.

The Oratorio Artists Quartet, composed of Reed Miller, Agnes Kimball, Elsie Baker and Frederick Wheeler, October 22, 1913.

Oscar Seagle, baritone, November 18, 1913.

The Ben Greet Players, in *The Merchant of Venice*, December 10, 1913.

Wilhelm Bachaus, Pianist, December 15, 1913.

Seumas MacManus, poet and story-teller, January 27, 1914.

FOURTH DISTRICT AGRICULTURAL AND INDUSTRIAL CONGRESS, Feb. 10-11, 1914.

Mr. Howard C. Hanna, Howard, Kan., "Our Pasture Lands."

Mr. George Plumb, Emporia, Kan., "A Problem in Live-Stock Production."

Hon. W. J. Bailey, Atchison, Kan., "The Farmer and His Bank."

Supt. E. C. Johnson, Farmers' Institute Department, Kansas State Agricultural College, Manhattan, Kan., "Tenants and Tenancy."

Mr. J. F. Jarrell, Publicity Agent, Santa Fe, Topeka, Kan., "Industry and Agriculture."

Mr. George S. Hine, State Dairy Commissioner, Topeka, Kan., "Types of Silos."

Mr. W. S. Gearhart, State Highway Engineer, Topeka, Kan., "Kansas Road Problems."

Hon. Chas. M. Sawyer, State Bank Commissioner, Topeka, Kan., "Better Business Methods."

Prof. F. W. Blackmar, Dean of the Graduate School, Kansas University, Lawrence, "Social Conditions in our State and Penal Institutions."

Prof. T. M. Jeffords, Agricultural Demonstration Agent, M. K. & T. Ry., St. Louis, "Demonstration Agent."

Mrs. Cora Wellhouse Bullard, Tonganoxie, Kan., "Social Conditions Among Our Farm Women."

Dr. H. J. Waters, President State Agricultural College, Manhattan, Kan., "Some Rural Problems."

Dean J. H. Miller, Extension Division, Kansas State Agricultural College, Manhattan, "Suggestions for Next Year."

INAUGURATION OF THOMAS WALTER BUTCHER, Feb. 12, 1914.

Inaugural Address, "The New Education," President Butcher.

Speakers of the Day:

Hon. E. T. Hackney, President of the Board of Educational Administration, Topeka, Kan.

John R. Kirk, President State Normal School, Kirksville, Mo.

Chancellor Frank Strong, University of Kansas, Lawrence.

President S. E. Price, Ottawa University, Ottawa, Kan.

State Superintendent W. D. Ross, Topeka, Kan.

Superintendent L. A. Lowther, President State Teachers' Association, Emporia, Kan.

Hon. Dennis J. Sheedy, Attorney, Fredonia, Kan.

Hon. W. L. Huggins, Attorney, Emporia, Kan.

Prof. Willis H. Kerr, Kansas State Normal School, Emporia, Kan.

Carl W. Skinner, Kansas State Normal School, Emporia, Kan.

FOUNDERS' DAY, Saturday, Feb. 14, 1914.

Speakers of the Day:

Hon. L. B. Kellogg, First President of the Kansas State Normal School, Emporia, Kan.

Governor George H. Hodges, Topeka, Kan.

Hon. E. W. Hoch, former Governor of Kansas.

OTHER LECTURES AND ENTERTAINMENTS.

Professor J. F. Bobbitt, University of Chicago, "Measurements in Education."

NEWSPAPERS.

The following Kansas and Oklahoma newspapers are on file at the Library by the generosity of the publishers, and are a source of pleasure to students:

Admire, Northern Star.

Allen, Enterprise.

Allen, Journal.

Alma, Enterprise.

Alma, Signal.

Americus, Greeting.

Anthony, Bulletin.

Anthony, Republican.

Ashland, Clipper.

Augusta, Daily Gazette.

Belle Plaine, News.

Beloit, Gazette.

Bison, Bee.

Burlingame, Osage County Chronicle.

Burlington, Independent.

Burlington, Republican.

Burns, Citizen.

Burr Oak, Herald.

Caney, News.

Cassoday, Times.

Chanute, Daily Tribune.

Chanute, Times.

Chetopa, Advance.

Cimarron, Jacksonian.

Clay Center, Dispatch.

Clay Center, Times.

Clyde, Republican.

Colby, Tribune.

Columbus, Advocate.

Columbus, Modern Light.

Concordia, Daily Blade.

Concordia, Kansan.

Council Grove, Guard.

Council Grove, Republican.

Courtland, Comet.

Dexter, Dispatch.

Dighton, Journal-Herald.

Dighton, News.

Dodge City, Globe

Dodge City, Kansas Journal.

Downs, Times.

El Dorado, Walnut Valley Times.

El Dorado, Daily Republican.

Elk City, Sun.

Ellsworth, Reporter.

Erie, Record.

Erie, Sentinel.

Esbon, Times.

Eskridge, Tribune-Star.

Eureka, Democratic Messenger.

Eureka, Herald.

Florence Bulletin.

Fort Scott, Daily Republican.

Fort Scott, Weekly Republican.

Fort Scott, Tribune.

Fredonia, Weekly Herald.

Fredonia, Wilson County Citizen.

Galena, Cosmos.

Galena, Weekly Republican.

Garden City, Herald.

Garnett, Evening Review.

Girard, Press.

Glasco, Sun.

Goodland, Republic.

Goodland, Sherman County Record.

Great Bend, Tribune.

Greenleaf, Sentinel.

Greensburg, Kiowa County Signal.

Hanover, Democrat.

Hays, Free Press.

Hays, News-Republican.

Hays, Reveille - New Era.

Herington, Sun.

Herington, Times.

Hiawatha, Herbert's Weekly.

Hillsboro, Vorwärts.

Holton, Recorder.

Holton, Signal.

Home City, Tribune.
 Howard, Courant.
 Howard, Elk County Citizen.
 Humboldt, Daily Herald.
 Hutchinson, Gazette.
 Hutchinson, News (daily).
 Independence, South Kansas Tribune.
 Iola, Daily Register.
 Jetmore, Republican.
 Junction City, Republic.
 Kansas City, Gazette-Globe (daily).
 Kingman, Journal.
 Kingman, Leader-Courier.
 La Crosse, Republic.
 La Cygne, Weekly Journal.
 Lamont, Leader.
 Langdon, Leader.
 Larned, Chronoscope.
 Larned, Tiller and Toiler.
 Lawrence, Daily Journal-World.
 Leavenworth, Daily Post.
 Lebanon, Times.
 Liberal, News.
 Lincoln, Republican.
 Lincoln, Sentinel.
 Linn, Digest.
 Longford, Leader.
 Longton, Gleaner.
 Lyndon, Osage County Democrat.
 Lyndon, People's Herald.
 Lyons, Central Kansas News-Democrat.
 McPherson, Democrat-Opinion.
 McPherson, Weekly Republican.
 Madison, Spirit.
 Mankato, Jewell County Monitor.
 Mankato, Western Advocate.
 Marion, Record.
 Marion, Review.
 Marysville, Marshall County News.
 Medicine Lodge, Barber County Index.
 Medicine Lodge, Cresset.
 Melvern, Review.
 Meriden, Ledger.
 Moline, Advance.
 Mound City, Linn County Democrat.
 Mound City, Linn County Republic.
 Mulvane, News.
 Muskogee, Okla., Daily Phoenix.
 Neodesha, Register.
 Ness City, News.
 Newton, Evening Kansan-Republican.
 Newton, Herald.
 Newton, Journal.
 Norton, Courier.
 Oakley, Graphic.
 Olathe, Kansas Star.
 Olathe, Mirror.

Osage City, Free Press - Public Opinion.
 Oskaloosa, Independent.
 Otis, Reporter.
 Ottawa, Daily Republic.
 Ottawa, Weekly Herald.
 Paola, Miami Republican.
 Paola, Western Spirit.
 Parker, Message.
 Parsons, Daily Sun.
 Pawnee, Okla., Times-Democrat.
 Peabody, Gazette.
 Peabody, Herald.
 Plainville, Gazette.
 Pleasanton, Herald.
 Pleasanton, Observer-Enterprise.
 Pratt, Republican.
 Pratt, Union.
 Randolph, Enterprise.
 Republic, News.
 Russell, Record.
 St. John, Weekly News.
 Sabetha, Herald.
 Sabetha, Star.
 Salina, Semi-weekly Journal.
 Sedan, Times-Star.
 Seneca, Tribune.
 Severy, Severyite.
 Sharon, Sharon Valley Times.
 Simpson, News.
 Smith Center, Pioneer.
 Spearville, News.
 Stafford, Courier.
 Sterling, Bulletin.
 Stockton, Review.
 Strong City, News-Courant.
 Summerfield, Sun.
 Syracuse, Journal.
 Tribune, Greeley County Republican.
 Troy, Weekly Kansas Chief.
 Turon, Weekly Press.
 Valley Center, Index.
 Valley Falls, Eastern Kansan.
 Valley Falls, Farmer's Vindicator.
 Washington, Republican-Register.
 Waterville, Telegraph.
 Wathena, Republican.
 Wathena, Times.
 Wellington, People's Voice.
 Westmoreland, Recorder.
 Westmoreland, Signal.
 Westphalia, Times.
 Wichita, Daily Eagle.
 Winona, Logan County News.
 Yates Center, News.
 Yates Center, Woodson County Advocate.
 Total, 190.

KANSAS HIGH SCHOOLS ACCREDITED BY THE NORTH CENTRAL ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS.

Graduates admitted to all universities and colleges in North Central territory.

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Abilene	W. A. Stacey, B. S.....	H. T. Steeper, A. B.
Alma	J. H. Houston, B. Pd.	
Arkansas City	John F. Bender, A. B.....	J. G. Gilliland, A. B.
Atchison	Nathan T. Veatch.....	H. P. Shepherd, B. S.
Atchison County, Effingham		J. R. Thierstein, Ph. D.
Baker Academy, Baldwin		W. A. Cook, M. S.
Burlington	W. S. Rupe, B. S.....	Edna Teeter, A. B.
Chanute	J. F. Hughes, A. B.....	J. A. Cannan.
Chase County, Cottonwood Falls		C. L. Cole, A. B.
Cherokee County, Columbus		R. R. Cook, A. B.
Cherryvale	N. A. Baker, LL. B.	

ACCREDITED HIGH SCHOOLS—*continued.*

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Clay County.		
Clay Center		E. B. Allbaugh.
Coffeyville	A. A. Hughart, A. M.	R. Y. Kennedy, B. S.
Concordia	D. C. Porter, A. B.	O. B. Seyster, A. M.
Crawford County,		
Cherokee		W. S. Pate, B. S.
Decatur County,		
Oberlin		Caleb W. Smick.
Dickinson County,		
Chapman		W. S. Robb, A. B.
Dodge City	J. H. Clement, A. M.	A. G. Marple, A. B.
El Dorado	John B. Heffelfinger, A. B.	John W. Charles, A. M.
Emporia	L. A. Lowther, A. B.	S. U. Pett.
Eureka	S. L. Soper, A. B.	J. F. Harshbarger, A. B.
Fort Scott	H. D. Ramsey.	J. A. Devlin, B. S.
Garden City	E. J. Dumond.	Maud Gorham, B. Di.
Garnett	C. H. Oman, A. B.	J. H. Marshall.
Great Bend	A. F. Senter, B. S.	E. H. Tiffany, A. B.
Hiawatha	E. B. Gift, A. M.	H. C. Lehman, A. M.
Holton	A. R. Mack, A. B.	T. G. Bouse, A. M.
Hutchinson	J. O. Hall, A. B.	S. L. Palmer, B. S.
Iola	C. C. Brown, A. M.	J. H. Sawtell, A. B.
Junction City	J. W. Shideler, Ph. B.	Stree'er Blair, A. B.
Kansas City	M. E. Pearson, B. D.	E. A. White, A. M.
Kingman	S. P. Young, B. S.	Geo. F. Solter, A. B.
Kinsley	D. A. Baugher, A. B.	A. E. Culbertson, A. B.
Lawrence	F. P. Smith, A. M.	F. H. Olney, A. B.
Leavenworth	M. E. Moore, A. B.	W. A. Bailey, A. B.
Lyons	T. A. Edgerton.	A. E. Brown.
McPherson	Geo. G. Pinney, A. B.	Ross W. Potwin, A. B.
Marion	C. E. St. John.	Alvin S. Wight, A. B.
Marysville	R. L. Parker, A. M.	Myrtle Warrington, B. Ped.
Minneapolis	C. O. Smith.	A. J. Hutton, A. M.
Montgomery County,		
Independence		S. M. Nees, A. M.
Neodesha	H. P. Study, A. M.	Wm. M. Grayum, A. B.
Newton	B. F. Martin.	W. A. Sterba, A. B.
Bethel Academy,		
Newton		J. W. Kliever, S. T. B.
Olathe	S. D. Dice, A. B.	E. N. Hill, A. M.
Ottawa	A. L. Bell, Ph. D.	R. E. Cowans, A. B.
Paola	John F. Barnhill, A. B.	Sadie Van Aken, A. B.
Parsons	F. L. Pinet.	Oscar Farris.
Peabody	A. K. Loomis, A. B.	P. C. Vidlander, B. S.
Pratt		R. Thane Cook, A. M.
Reno County,		
Nickerson		E. B. Smith, A. M.
Sabetha	Geo. A. Allen, jr.	J. F. Mayes.
Salina	W. S. Heusner, A. B.	Geo. F. Brooks, Ph. B.
Seneca	E. G. Mueller, A. B.	W. A. Spencer, A. B.
Stafford	G. E. Bailey, A. M.	C. G. Stiensmeyer, A. B.
Sterling	Chas. A. Hall, A. B.	R. H. Williams.
Sumner High School,		
Kansas City, Kan.		J. M. Marquess.
Sumner County,		
Wellington		H. P. Butcher, A. B.
Topeka	H. B. Wilson, M. A.	A. J. Stout.
Trego County,		
Wa Keeney		J. H. Niesley, A. B.
Washburn Academy,		
Topeka		Wilson C. Wheeler, A. B.
Washington	J. W. Murphy, A. B.	H. C. McMillin, A. B.
Wichita	L. W. Mayberry, A. B.	I. M. Allen, A. B.
Winfield	J. W. Gowans, A. B.	M. C. Prunty, A. B.

HIGH SCHOOLS IN ACCREDITED RELATIONS WITH STATE INSTITUTIONS OF KANSAS.

Graduates admitted to the state institutions and colleges without examination.

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Admire	E. Eric Larson.	M. B. Nelson.
Agra		Paul D. Covert, A. B.
Alden	H. K. Thompson, A. B.	
Almena	B. D. Reazin, A. B.	
Alta Vista	R. E. Bowden, A. B.	Katherine Doty, A. B.
Alton		A. B. Dillon.
Altoona	Geo. L. Atkeson.	Leslie R. Patrick, B. S.
Anthony	R. E. Lewis, A. M.	C. H. Ream, A. B.
Americus		Roy H. Thompson.
Argentine	M. E. Pearson, A. M.	F. D. Tracy.
Ashland	O. O. Smith, A. B.	W. J. Franks, B. S.
Atlanta		S. M. Woodman, A. B.
Attica	E. F. Farner, A. B.	
Augusta	C. E. Ames, A. M.	Neil W. Rogers, B. S.
Axtell	J. I. Harkness.	R. E. Coffin.
Baldwin	Oscar J. Lane, LL. B.	Grace Wiley, A. B.
Basehor	W. J. Warren, A. B.	
Barnard		Leroy Owsley.
Baxter Springs	J. W. Twente, A. B.	Betty Burr.
Beattie	W. A. Wood.	Myrtle I. Matchett.
Belle Plaine	P. N. Heck.	Novma J. Mering, A. B.
Belleville	W. J. Poundstone, A. B.	C. A. McLeland, A. B.
Beloit	R. L. Hamilton.	A. R. Loop.
Belpre	A. J. Voran.	J. C. Anderson, B. Ed.
Benedict		J. W. Clark.
Beverly	John T. Griffith.	Susie L. Burnham, A. B.
Blue Mound		J. W. Foster.
Blue Rapids	A. W. McGarrah, A. M.	Harriet Landers.
Bonner Springs	C. C. Thompson.	Edna Hunzicker, A. M.
Bronson		W. P. Reese.
Brookville		T. J. Rollman.
Bucklin	F. L. Wright, A. B.	Blanche P. Peters.
Buffalo	Sidney L. Miller, A. B.	Hazel Penton.
Bunker Hill		F. S. Hagy.
Burden	Chester P. Davis, A. B.	
Burlingame	E. L. Heilmann.	Minnie L. Steckel.
Burns	O. M. Adams.	Elizabeth Henry, A. B.
Burr Oak	Fred Eaton, A. M.	Lula Coyner.
Burrtown	W. E. Hagy, B. S.	Margaret Todd, A. B.
Caldwell	Hugh Durham, A. M.	Stella K. Stuart.
Caney	P. B. Humphrey, B. S.	E. A. Funk, A. B.
Canton	G. C. Dotzour, A. B.	
Carbondale	N. S. Welton.	Elsie Dean, A. B.
Catholic High School, Kansas City, Kan.	Rev. P. McInerney.	Sister V. Marie.
Cawker City	Alvin C. Gore.	Mary Fronk.
Centralia	Geo. O. Kean.	Edna F. Thomas, B. S. D.
Chase	W. M. Rishel.	Matilda Van Hove.
Cheney	C. W. Thompson, A. M.	Mina Ianden, A. B.
Chetopa		J. Lisle Williams.
Cheyenne County, St. Francis		Audubon H. Neff, A. B.
Cimarron	M. G. Cleary.	Carolyn J. Cowell.
Circleville		Grover C. Andrews, A. B.
Claffin		O. J. Weir.
Clearwater	R. M. Crum.	Nannie Davis.
Clifton	A. W. Jarrett, B. S.	Mayr Boal.
Clyde	G. H. Baird.	Agnes Laughlin, A. B.
Coldwater	Chas. F. Turner, Ph. B.	F. S. Forman, A. B.
Colony	A. B. Childers, A. B.	Hattie Price, A. B.
Conway Springs	E. D. Price, A. M.	E. D. Carter, A. B.
Corning		H. O. Allerman, A. B.
Council Grove	E. W. Wells.	Bruce Josseland.
Cunningham	W. P. Reed.	Julia A. Smith.
Delphos	A. B. Morris.	Margaret E. Johnston, A. B.
Derby		Cornelia Hall, A. B.
Dexter		Roy Rutledge, A. B.
Dixon Township, Argonia		W. A. Baker, A. B.
Douglass	Clyde Muchmore, A. B.	Sophia Shawver.
Easton		J. L. Rowe.
Edwardsville	George D. Rathbun.	
Ellinwood	H. E. Powers, B. Ed.	Carolyn Meisenbach, B. S.
Ellis	J. E. Chamberlain.	Emilie Wedell.

ACCREDITED HIGH SCHOOLS—*continued.*

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Ellsworth	O. J. Silverwood, A. B.	H. A. Froning, A. B.
Elsmore		Emil L. Larson.
Elwood		C. F. Jones.
Englewood	N. F. Daum, A. M.	Hazel Sturgeon, A. B.
Enterprise	J. J. Yoder	W. D. Royer, A. B.
Erie	Cowles Wright, A. B.	
Esbon		Benj. H. Fairbrother, B. L.
Eskridge	F. W. Alder, A. B.	Herbert L. Broughton.
Eudora	Chas. Kelly	Ida L. Coffin, A. B.
Everest		J. B. Hitt, B. S.
Fairview	L. E. Hutto, B. S.	R. A. White, A. B.
Florence	C. A. Axton, A. B.	Winnifred Gallagher.
Formoso	C. W. Hill.	Jennie Campbell, A. B.
Fowler	Ross L. Miller.	Mae Pierce, A. B.
Frankfort	M. G. Kirkpatrick.	E. C. O'Roke, A. B.
Fredonia	A. I. Decker.	W. I. Matthews.
Frontenac	L. S. Minckley, A. M.	Lulu Meyers.
Galena	R. E. Long.	R. W. Titus, A. B.
Garden Plain		Wm. P. Woods.
Gas City		H. W. Felter.
Glen Elder	Mary B. Nelson.	Mrs. Laura B. White, A. B.
Goddard		J. V. Colville.
Goff		F. R. Palmer.
Grant County, New Ulysses		Ellen M. Hickok, B. S.
Greeley County, Tribune		W. H. Skinner.
Greenleaf	A. J. Bassett.	Janet Ramey, A. B.
Grenola	Fred C. Gardner.	Myrtle Wilcozon.
Gypsum	W. M. Huff, A. B.	F. H. Grigg.
Halstead	W. O. Gibbon, Ph. B.	E. E. Tippin, A. B.
Hanover	Fred W. Meyer, A. B.	Della Pennock, A. B.
Harper	E. L. Fulton, A. B.	John A. Jeffries, A. B.
Hartford	Allen Piatt	Lillian Whitby, A. B.
Harveyville	F. I. Hinshaw.	Winnifred Lewis, A. B.
Havensville	Geo. T. Coddington.	F. H. Terrell.
Hays	W. S. Picken.	Georgia Virmond, A. B.
Hazelton		F. L. Williams.
Herington	Francis Robb, A. B.	Chas. H. Sandy, A. B.
Hesston Academy		D. H. Bender.
Highland	J. A. Jones, A. B.	J. W. Marston.
Hill City	S. D. Hendrix.	W. W. McConnell.
Hillsboro	H. W. Thompson, A. M.	Alice E. Nash, A. B.
Hoisington	E. Rankin, A. B.	Fred H. Barber, A. M.
Horton	J. C. DeVoss, A. B.	F. A. Lovan, A. B.
Howard	Ernest Bennett	Ada L. Richardson.
Humboldt	Charles M. Hilleary.	Marry Gowans, A. M.
Irving		Ralph H. Smith.
Jetmore		H. J. Davis.
Jewell City	O. N. Berry.	John J. Fowler, A. B.
Kensington		Joseph F. Finch, A. B.
Kincaid		Maurice L. Smith, B. Ped.
Kiowa	Ira Stout	Ella Barkley, A. B.
Kiowa County, Greensburg		Albert E. Lunceford, A. B.
Kirwin		Wm. M. Janey, A. B.
Labette County, Altamont		W. M. Kyser, A. B.
La Crosse	W. T. Hoover, A. M.	S. O. Perkins.
La Cygne	E. W. Leamer, A. B.	Ethel Brown, A. B.
La Harpe	C. F. Cool, A. B.	A. L. Hollister, A. B.
Lakin	F. M. Hyames, LL. B.	Blessie Dort, A. B.
Lane County, Dighton		E. E. Colyer, A. B.
Lansing	Ira J. Bright.	Duncan McRuer, A. B.
Larned	R. V. Phinney.	A. G. Tritt, A. B.
Latham	Edmon L. Brothers, B. S.	
Lebanon	M. I. Coldwell, A. B.	Vivian Hutchins, A. B.
Leon	J. H. Gibson.	Wm. H. Hogue.
Le Roy	S. R. Cellars.	Isme Cellars.
Lewis	Louis Ringwalt, B. Ped.	Alberta M. Wenkheimer, B. S.
Liberal	F. O. Rindom.	Mabel Heikes.
Lincoln	J. H. Davis, B. Ped.	E. F. Tinker, B. Ped.
Lindsborg	Elmer Ahlstedt, A. B.	Lydia M. Esping.
Linwood	C. M. Haworth, A. B.	Mabel Watkins, A. B.
Little River	F. W. Lennon.	Edna M. Edgerton, A. B.
Logan	John M. Haney, A. B.	Rae Wiltout.
Longton		W. C. Wilson, A. B.
Lost Springs		Geo. L. Noce.

ACCREDITED HIGH SCHOOLS—*continued.*

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Lucas		T. W. Wells.
Luray		E. L. McGlasson.
Lyndon	E. A. Walker.	Lillian Miller, A. B.
Macksville	E. J. Chesky, A. B.	
Madison	H. E. Chandler, A. B.	Margaret Barkley, A. B.
Maize		Vernon Walling.
Maple Hill	Geo. D. Biggs.	Edith E. Ames, A. B.
Manhattan	John Lofly, A. B.	Clara Schild, B. S.
Mankato	J. J. Haney	Rose E. Hadden.
Marquette	James B. Tucker.	Ora P. Frye.
McLouth	Orine M. Rhine, A. B.	Edna Morrison.
Meade	J. N. Hamilton, A. B.	P. R. Helsel, A. B.
Medicine Lodge	D. W. Kajor, A. M.	Annie E. Bell, A. B.
Melvorn		O. H. Thomas.
Meriden	John O. Boyle, B. Ped.	Karl Davidson, A. B.
Mildred		Lavonia M. Donica, A. B.
Moline	W. T. King.	Clara I. Crain, A. B.
Moran	Charles Wright	Lena Scheufler, A. B.
Morrill		S. V. Mallory, B. S.
Mound City		E. B. Barnes, A. B.
Moundridge	J. H. Franzen, A. B.	D. G. Roth, B. S.
Mount Hope	LeRoy L. Kauffman, A. B.	
Mulvane	W. E. Evans.	Lucy Hunter, A. B.
Muscotah		G. O. Ranney, A. B.
Natoma	F. C. Marks, A. B.	Jessie M. Coe, A. B.
Nazareth Academy,		
Concordia	Mother Antionette	Sister Louise, A. M.
Neosho Falls	Fred C. Walters.	Roxie Minner.
Neosho Rapids		J. B. Fridley.
Ness City	J. R. Cook.	
Norton County,		
Norton		Lee R. Light.
Nortonville	Fred M. Thompson.	Eleanor Sirpless, A. M.
Norwich	E. E. Farrar, B. S.	Ersie H. Houser, A. B.
Oakley	Fred H. Bailey.	A. H. Kerns.
Onaga	C. H. Landrum, A. M.	J. W. Tanner, A. B.
Onida		W. T. Markham.
Osage City	A. E. Karnes, A. B.	Alexander Seaton, A. B.
Osawatimie	Floyd B. Lee.	H. B. Amyx.
Osborne	C. E. Rarick, A. B.	Elsie Power, Ph. B.
Oskaloosa	G. E. Whitcraft.	George L. McClenney, A. B.
Oswego	Chas. R. Adamson.	Fred M. McColey.
Ottawa Universalist		
Academy		H. H. Foster, Ph. D.
Overbrook	Ira M. Hassler, A. B.	Blanche E. Coffman, A. B.
Oxford	D. E. Conner.	Elsie Asher.
Palco		I. N. Jordan.
Partridge		Clarence M. Baugh.
Pawnee Rock		E. E. Arbuckle.
Ferry	H. L. Pasley, B. S. D.	Dudley J. Pratt, A. B.
Phillipsburg	C. L. Swenson, A. B.	Olive L. Thomas.
Pittsburg	E. T. Armstrong, Ph. B.	J. L. Hutchinson.
Plainville	H. J. Brown.	Prue Morgan.
Pleasanton	F. M. Chapman, A. M.	B. B. Shore, A. M.
Pomona	W. A. Vickers.	Rose Hutchins, Ph. B.
Portis		E. P. Curtis, Ph. B.
Potwin		Benjamin Baltzer, A. B.
Preston		H. L. Osborne.
Protection	George E. Harder, A. B.	Allie B. Lowhead, A. B.
Quenemo	E. A. Thomas.	Martha Largent.
Ramona	Geo. E. Wynn, A. B.	Edith Samuelson, A. B.
Ransom	C. J. DeWitt, B. Ped.	
Rawlins County,		
Atwood		Chas. H. Brooks.
Reading	Ida L. Booth, A. B.	Rhoda Jamieson, N. Mus.
Redfield		Evelyn Gildersleeve.
Republic		Wanda Simonds, A. B.
Richmond		Thomas C. Oyler, A. B.
Rose Hill	A. H. Murphy.	G. C. Collinsworth.
Rosedale	A. P. Vaughn, M. S. D.	John Harbeson, A. B.
Rossville	J. H. Hanger, A. M.	
Russell	F. R. Aldrich, A. B.	R. M. Prizer.
Russell Springs		Murray Wallace.
Sacred Heart Academy,		
Salina		John M. Maher.
St. John	W. F. Shaw, A. B.	J. I. Wolfe.
Savonburg		B. W. Merwin, A. B.
Scandia		Harry L. Olsson, A. B.
Scott County.		
Scott		F. H. Beedle.

ACCREDITED HIGH SCHOOLS—*continued.*

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Scranton		F. M. Woods, A. B.
Sedan	J. W. Roberts, A. B.	Ida B. McAdow, A. B.
Sedgwick	Herbert S. Gilhams.	V. A. Mueller.
Severance	C. R. Hewins.	H. P. Baustian.
Sharon	W. M. Seaman.	Esther Dunn.
Sheridan County, Hoxie	A. D. Haas.	C. L. Williams.
Sherman County, Goodland		L. D. Griffiee.
Smith Center	Guy Warren, A. B.	Ruth Schnacke, A. B.
Soldier		M. E. Aleman, A. B.
Solomon	J. L. Mickey, P. D. B.	Pearl Hinshaw, A. B.
Southwestern Academy, Winfield		A. L. Stickel, A. M.
Spring Hill	Edward C. Paxton, A. B.	J. C. Palmer.
Spring Township		Pearl M. Kitchen, A. M.
Stark		H. W. Moore, A. B.
Spearville	L. F. Metzler, A. B.	R. H. Gordon, A. B.
Spivey	Thyrza W. Amos.	
St. Marys Academy, Leavenworth	Mother M. Berchmans.	Sister M. Syra.
Stockton	B. H. Rouse, Ph. B.	Ida Hansen.
Summerfield		I. L. McKinley, A. B.
Sylvan Grove		W. E. Connelly.
Syracuse	Charles C. Marlowe.	Mable P. Jennings, A. B.
Tescott		G. C. Hitchcock.
Thayer	A. L. Cross.	Ola E. Brewer.
Thomas County, Colby		Guy H. Jaggard, A. B.
Tonganoxie	C. W. McCormick, A. B.	Wilson Brown, A. B.
Toronto	Willis C. Perry.	Myrtle Blakely.
Towanda		M. H. Read, A. B.
Troy	J. P. Perrill, B. P.	Chas. Marble, A. M.
Udall		M. C. Hume, A. M.
Valley Center	J. S. Carson, A. M.	
Valley Falls	Harry McGuire.	Maud Myers.
Vermillion		C. Kreamer.
Viola		Geo. V. Emery, A. B.
Wakefield	S. B. Mordy, A. M.	Jessie McCormick, Ph. B.
Waldo		C. L. King.
Walnut		L. R. Icke, A. B.
Walton		C. A. Thompson.
Wamego	H. C. Jent, A. B.	A. A. Douglass, A. B.
Waterville	E. M. Bartholow, A. B.	Harry Livingood, A. B.
Wathena	C. I. Vinsonhaler, A. B.	T. D. Lyons, B. S.
Waverly	Virdon M. Liston, A. B.	Catherine McCreath, A. B.
Wellsville	B. W. Daily, A. B.	J. R. Williams.
Wetmore	Albert A. Dreier, A. B.	Ola Jackson, A. B.
Westmoreland	G. E. Dickinson.	M. L. Drape, A. B.
White City		H. E. Kraus, B. S.
White Cloud		C. G. Landrum, A. B.
White Water	R. L. Hazzard, A. B.	
Whiting		O. H. Lovejoy, A. B.
Wichita County, Leoti		Geo. R. Ballard.
Williamsburg	M. H. Harper, A. B.	Annie McLindon.
Wilson	M. C. Martin.	W. H. Cannon, A. M.
Wilson High, Kansas City, Kan.	D. S. Stephens, A. M.	Hubert E. Zillich, A. B.
Winchester	B. R. Porterfield, A. B.	Patti Sankee, A. M.
Windom		D. C. Steele, A. B.
Woodston		Irene C. Cloud.
Yates Center	A. D. Catlin, A. M.	Edna Carpenter.

UNCLASSIFIED HIGH SCHOOLS BUT WORKING TOWARDS FULL ACCREDITED RELATIONS WITH STATE INSTITUTIONS.

This list includes high schools of one-, two- and three-year courses of study.

School and superintendent.

Allen, Wilbur J. Pomeroy, A. B.
Arcadia, Cyril M. Whitlow, A. B.
Arlington, D. S. Lanver.
Assaria, S. E. Countryman.
Auburn, Earle A. Bean.
Baileyville, C. E. Battin, LL. B.
Barclay, R. A. Postma.
Barnes, F. J. Whitaker.
Belmont, Stanley Dresher, A. B.
Bennington, J. C. Reed, A. B.
Bern, Dora M. Wilkins.
Bison, Harry T. Fish.
Bluff City, Cecil M. Deist, A. B.
Bogue, U. S. Loyd.
Bushton, H. Mahohan.
Carneiro, O. C. McCoy.
Cassoday, Karl S. Earp.
Chautauqua, Minnie V. White.
Clayton, Leigh Dowling.
Cleburne, E. Amelia Johnson, A. B.
Coolidge, J. H. Conard.
Courtland, E. J. George, A. B.
Culver, Elsie Perrill, A. B.
Dorrance, D. F. Klemm.
Dunlap, F. D. Calkins.
Edna, J. Mettie Little.
Fontana, Nellie Rees.
Ford, Warren Stervick, A. B.
Fulton, E. S. Bottomly.
Gardner, Alva Walter, A. B.
Garrison, J. Harley Waldron.
Greeley, L. W. Hampshire, B. S.
Grinnell, R. W. Ellenberger, A. B.
Haddam, Elsie A. Kent.
Halls Summit, John M. Gorman.
Hamlin, F. O. Kroh.
Hamilton, W. J. Waldorf.
Hanston, Winifred Goller.
Haven, J. N. Prazey.
Haviland, Stanley C. Riggs, A. B.
Healy, Cora E. Coleman.
Hepler, May Masterson.
Hewins, Arthur F. Foster, B. Pd.
Hollenberg, Roscoe Ahlers.
Homewood, A. P. Shannon.
Hoyt, Everett Stroud.
Hudson, H. V. Petrie.
Hugoton, J. M. Shull.
Hunnewell, ———.
Huron, J. Jones Lacy.
Ionia, J. R. Suter, A. B.
Jamestown, Anna S. Henning.
Jennings, Mabel C. Feely, A. B.
Kanopolis, H. L. Stevens.
Kipp, A. R. Baldwin, A. B.
Lafontaine, Chas. D. Gibson.
Lane, C. E. Rennolds.
Le Hunt, J. R. Tomlinson.
Lecompton, James C. Sloan.

School and superintendent.

Lehigh, Otto V. Heinsohn.
Lenexa, R. D. Woolery.
Leonardville, Mrs. Wm. G. Nanniga, B. S. D.
Liberty, F. A. Dennis.
Lincolnvill, J. E. Gilbert, A. B.
Longford, H. E. Randall.
Long Island, Geo. E. Jones.
Louisville, C. D. Davis.
Mahaska, P. J. Reichert.
Mayetta, L. R. McCormick.
Mayfield, Eva Hagen.
McCune, C. Earl Potter.
McCracken, James M. Carpenter.
Michigan Valley, Mina Carder.
Milan, Chas. M. Fifer.
Milton, Ralph Stinson.
Monument, Geo. E. Scheer, A. B.
Morehead, F. R. Green, A. B.
Morganville, G. B. Kappelmann.
Mound Valley, J. F. Johnson.
Mullinsville, Florence Lennen, A. B.
Oakland, W. G. Barker.
Ogden, J. F. Curtis.
Oketo, J. K. Barley.
Olsburg, H. L. Dalton.
Overland Park, ———.
Parker, T. E. Trigg.
Piedmont, O. W. Lasater.
Plevna, K. H. Negley.
Potter, A. L. Miller.
Powhattan, E. W. Duffon.
Prescott, M. Ellen Dingus, B. S.
Pretty Prairie, Sam Yaggy.
Princeton, Ava Morris.
Quincy, Katherine Slough.
Randall, J. O. Rodgers.
Rantoul, V. I. Cotts.
Raymond, E. H. Sledd.
Reserve, J. S. Blosser, B. S.
Rexford, B. F. Chesterman.
Riley, Myrtle Dougherty.
Roseland, G. A. Sanders.
Rock Creek, Stutley Stark.
Rush Center, C. R. Rankin, A. M.
Sawyer, M. L. Lindsey.
Scammon, C. W. Caldwell, A. B.
Shawnee, Fred Adker.
Silver Lake, F. W. Huntington.
South Haven, John W. Wengler, A. B.
Sylvia, F. O. Newton.
Tampa, D. Harrison.
Uniontown, Anna M. Booth.
Virgil, O. D. Allis, A. B.
Webber, Wint Smith.
Welda, Margaret Barnes, A. B.
Wheaton, H. O. Sutcliff.
Wilsey, Fred Barrell.
Winona, Robert F. Ward, A. B.

STUDENT ORGANIZATIONS.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION has a secretary whose full time is devoted to the service of the men of the Normal. A handbook containing matters of interest and information on all school activities is printed every year, and will be mailed on request to any one who desires it. The information bureau, the cooperative employment plan, the socials, and addresses on things of vital interest to every man, make the Y. M. C. A. a valuable asset to student life. Questions regarding room, board, self help, etc., will be answered as far as possible, and some member of

the association will meet any prospective student who will inform the secretary when he expects to arrive in Emporia. Address correspondence to the Secretary of the Normal Y. M. C. A., Emporia, Kan.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION is an organization of the young women of the School. It is one of 660 such organizations for women students in the United States. Its purpose is not only to train young women while in school in methods of service by helping one another, but by this to fit them for greater usefulness when they leave school. The work is carried on by committees under the direction of a cabinet chosen from the membership, and the general secretary, who is employed for full time. Some of the important features of the work are the rest room; employment bureau, through which many girls obtain employment; work for new students, which means meeting them at the trains and helping them to become acquainted through social occasions and calls; Bible study and mission study, vesper services, and calling on sick girls. Miss Maude Corbett, the general secretary, will be very glad to answer any correspondence in regard to work, plans, or anything that will be helpful to a new student.

THE ORATORICAL ASSOCIATION is composed of those students interested in oratory. Two contests are held: one to select a representative for the Kansas State Normal in the Interstate Oratorical Contest, and another to select a representative for the Normal in the State Peace Oratorical Contest.

THE DEBATE COUNCIL is composed of the debaters of the School, together with five Faculty members appointed by the President of the School. The head of the Public Speaking Department is chairman. During the past year four debates were held: a dual debate with the Northwestern Normal School of Oklahoma, also one with the Missouri Normal School of Warrensburg, a triangular debate with the two other Normal Schools of Kansas, and a Freshman debate with the College of Emporia.

DEPARTMENT CLUBS.

THE MATHEMATICS CLUB is an organization for those students whose major subject is mathematics, and who are especially interested in the current literature regarding the history and teaching of mathematics. Its membership is restricted to those having completed the courses in mathematics required of all students. Its meetings are held on the last Wednesday evening of each month.

THE HOME ECONOMICS CLUB was organized in the second semester of 1912-'13 by the girls majoring in home economics. The club meets on Wednesday nights at 7:30. Its members interest themselves in social and economic problems.

DER DEUTSCHE VEREIN is an organization open to all students in the department of German except beginners. It meets on the first and third Wednesday evenings of each month of the regular school year. Its chief objects are the discussion of valuable books and periodicals, the observation of important German holidays and anniversaries, additional practice in speaking German, and the enjoyment of pleasant social hours.

THE EUROPEAN HISTORY CLUB is organized for those students who are interested particularly in the department of European history. Its aim is to draw the students through this special interest into closer social and intellectual union. The study of some historical theme is pursued throughout the year, the students themselves taking a large part in the presentation and discussion of the subject. The club meets on the first and third Wednesdays of each month.

THE PHYSICS CLUB AND SEMINAR was organized early in June, 1913, and meets every other Wednesday at 7:30 P. M. From an enrollment of a dozen at its initiation it has grown until the regular attendance ranges

from forty to fifty members. The ideals of the club are to arouse greater interest in physics, to promote coöperation and mutual assistance to those who are working in this department, and to encourage deeper study of many of the most common and interesting phenomena and principles. It is a real, live, throbbing organization in the School.

STUDENT SOCIETIES AND CLUBS.

THE SIGMAS, a girls' debating society, organized in 1910. While not neglecting entirely the entertainment phase of an association, this society has for its earnest aim, skill and readiness in debate and public speech. It meets regularly once a week, with occasional try-outs with some one of the men's debating clubs. Membership honors come by way of a nominating committee chosen from the members of the society.

THE ALPHA RHO TAU SOCIETY was organized in February, 1912, by advanced students in the Art Department. The society meets Saturday mornings for sketching or other art work, and one Saturday of each month is devoted to a social meeting. The art teachers are sponsors for the society.

IONIAN SOCIETY, a group of thirty wide-awake college girls interested in social and literary pursuits. Membership is obtained by election and invitation from the society. During the year 1912-'13 the society has made a study of dramatics, consisting of a study of a play, its author, and the actors who produce it. Composers, musicians, grand opera and concert performers have had their share in the year's programs.

JAYHAWKER DEBATING CLUB. This organization is composed of about twenty-five young men of the College, who meet weekly, on Saturday morning, for the discussion and formal debate of live current topics. At times active parliamentary practice is engaged in, under the criticism of a Faculty member. A good opportunity is thus afforded young men to secure training for public service.

K CLUB. This club is composed of the men who have won the "K" in athletics. Its purpose is to better the athletic interests of the School and to attract men to the Normal in a legitimate way.

THE OMEGA SOCIETY is the oldest girls' society in the School. It was organized in 1902 by a group of girls desiring special training in literary research and debate. During the eleven years since its organization the society has stood for the best of all school activities, and has swerved from its original purpose only in so far as debate is no longer emphasized. Aside from the literary and educational value of the society, many of the social activities of the School center here. During the school year of 1912-'13 the time has been almost equally divided between literary programs and social events.

THE CATHOLIC CLUB is an organization of the Catholic students of the School, formed in the spring of 1912 for purely social purposes. With the reorganization in September, 1912, the purpose was extended to include also the study of some subject of especial interest to the members. The subject chosen for the current year is the history of church development. The officers are a president and secretary, and membership is open to any student in school who may wish to join the club.

THE REPRESENTATIVE LITERARY SOCIETY is one of the strong men's societies of the School. It meets weekly for practice in all forms of platform work and parliamentary drill. It is under the censorship of a member of the Faculty, who advises and suggests work for the different members.

THE DELPHIAN LITERARY SOCIETY, although the newest men's society in the School, boasts of the largest membership. The work of the weekly meetings is that done by the usual literary society—debates, orations, readings, and musical numbers. A member of the Faculty acts as critic.

THE LATIN CLUB is conducted for the benefit of students enrolled in the Latin department and others who may be interested in the study or teaching of Latin. It meets bimonthly. The programs consist of papers, reports, dialogues, scenes from standard Latin authors, and short plays given by the students. Frequent addresses and lantern talks are given by the instructors and other members of the Faculty.

THE COLLEGE.

ADMISSION.

Persons who are graduates of accredited high schools or other preparatory schools of equivalent standing are admitted to the Freshman year of college work without examination. A transcript of record of work done should be sent in advance of the time the student wishes to enter. Blanks for this purpose may be secured by writing the Registrar. The transcript should show the number of recitations and laboratory periods per week, the number of weeks in the school year, the length of the recitation periods, and the final grade for each course. Write the Registrar for blanks for this purpose. *Do not bring monthly or yearly report cards or diplomas.* All transcripts should be certified and sent in advance of the time of registration.

Persons who have done college work for which they wish credit should send to the Registrar claims for credit in advance of the time of registration. Transcripts of work done should show the names of the courses, the number and length of the recitation and laboratory periods per week, the number of weeks given the course, and the final grade for each course.

REGISTRATION.

Registration days are indicated in the School Calendar, printed on an earlier page of this catalogue. Registration at a later date will be permitted only upon the giving of a satisfactory reason for the delay. Students should register on these days and enter upon the work of their classes the opening day. Those wishing to visit classes will register and pay the usual fees.

NUMBER OF HOURS OF WORK.

Students are not permitted without permission of the Committee on Extra Hours to register for work giving less than eight hours of credit or for work giving more than seventeen hours of credit, including one hour of physical training, in one semester. Application blanks for extra hours may be had of the Registrar. They should be filed with the committee in advance of the registration days indicated in the calendar.

COLLEGE CREDIT.

College credits are estimated in hours. A semester hour of credit is earned by the student who carries a course through one semester (eighteen weeks), the recitation period being one hour, with a preparation period approximately double the time spent in recitation. Likewise, an hour of credit is earned by the student who carries a course a half semester (nine weeks), the class meeting twice a week, the recitation period being one hour, with a preparation period approximately double the time spent in recitation. Laboratory courses or courses with little or no preparation carry half the credit of other courses.

THREE-YEAR STATE CERTIFICATE.

The Three-year State Certificate is given upon completion of thirty-two hours of college work, which is outlined under the head of "Certificates and Diplomas" on an earlier page of this catalogue.

LIFE CERTIFICATE.

The student who is a graduate of an accredited high-school course, or has had equivalent training, who has been in residence one semester, and who has completed sixty-four hours of college work as outlined, is given a diploma which is legally a life certificate to teach in the public schools of Kansas. Students completing this work are entitled at once to the privileges incident to graduation. Students completing the work in August will be classed with the class of the preceding June. The roll of the class for graduation is made up the first of April, nine weeks prior to commencement, and all work except such as is included on the student's program for that semester must be completed by that time in order that students may be listed for graduation with the class. Candidates for August graduation should be listed as such one week prior to commencement exercises in June.

KINDERGARTEN LIFE DIPLOMA.

The work of this course covers two years of college work and is open to graduates of accredited high schools, or schools of equal rank. The specific requirements are indicated on a later page of this catalogue. The general requirements are the same as those governing the Life Certificate.

THE DEGREE OF BACHELOR OF SCIENCE (IN EDUCATION).

The student who has been in residence two semesters and who has completed one hundred twenty-four hours of work as outlined is given the degree of Bachelor of Science (in education). The diploma given has the same legal significance as a teacher's certificate as has the Life Certificate spoken of above.

CERTIFICATE FOR SPECIAL PROFICIENCY.

RURAL-SCHOOL TEACHING.

Candidates for the Life Certificate desiring also the Certificate for Special Proficiency in Rural-school Teaching must complete the special requirements for the Life Certificate, and in addition elect from the following subjects a sufficient number of hours to make sixty-four hours. This selection must be approved by the adviser for this special certificate:

Rural-life Problems	3 hours.
Manual Training, or Home Economics.....	4 hours.
Agriculture	4 hours.
Drawing	4 hours.
Bacteriology	4 hours.
Rural-school Music	2 hours.
School Hygiene and Sanitation.....	3 hours.
Government	2 hours.
Applied Chemistry	3 hours.
Elective from Rural-school Group	12 hours.

INTERMEDIATE AND GRAMMAR-GRADE TEACHING.

Candidates for the Life Certificate desiring also the Certificate for Special Proficiency in Intermediate and Grammar-grade Teaching must complete the special requirements for the Life Certificate, and in addition elect from the following subjects a sufficient number of hours to make sixty-four hours. This selection must be approved by the adviser for this special certificate:

Psychology of Adolescence.....	3 hours.
Or Child Psychology.....	2 hours.
Manual Training, or Home Economics.....	4 hours.
Music	4 hours.

Drawing	4 hours.
School Hygiene and Sanitation.....	3 hours.
Government	2 hours.
Methods in Penmanship.....	2 hours.
Physical Training Methods.....	2 hours.
Additional Special Methods.....	2 hours.
History Stories for the Grades.....	2 hours.
Elective from the Rural-school Group.....	7 hours.
Elective from the History and Social Science Group	7 hours.

PRIMARY TEACHING.

Candidates for the Life Certificate desiring also the Certificate for Special Proficiency in Primary Teaching must complete the special requirements for the Life Certificate, and in addition elect from the following subjects a sufficient number of hours to make sixty-four hours. This selection must be approved by the adviser for this special certificate:

Primary Methods	4 hours.
Child Psychology	2 hours.
Drawing:	
Illustration Blackboard }	4 hours.
Hand Work }	
Music	4 hours.
Story Telling	3 hours.
Plays and Games.....	2 hours.
Nature Study:	
Animal Life }	4 hours.
Plant Life }	
Hygiene and Sanitation.....	3 hours.
History Stories for the Grades.....	2 hours.
Arithmetic Teaching	2 hours.
Electives from Kindergarten and Primary Group,	11 hours.

COURSE OF STUDY LEADING TO THE LIFE CERTIFICATE
AND TO THE DEGREE OF BACHELOR OF SCIENCE (IN ED-
UCATION).

FRESHMAN YEAR.

Composition and Rhetoric..	3 hrs.	Literature, or Public Speak-	
Library Methods	1 hr.	ing, or Story Telling, or	
General Methods, Observa-		Children's Literature ...	3 hrs.
tion, and Elementary		Psychology	3 hrs.
School Administration ..	5 hrs.	Physical Training	1 hr.
Physical Training	1 hr.	Elective	9 hrs.
Elective	6 hrs.		—
	—		16 hrs.
	16 hrs.		

SOPHOMORE YEAR.

Physical Training	1 hr.	Teaching	4 hrs.
Group Subjects	8 hrs.	Physical Training	1 hr.
Elective	7 hrs.	Group Subjects	9 hrs.
	—	Elective	2 hrs.
	16 hrs.		—
			16 hrs.

SUMMARY OF REQUIREMENTS FOR THE LIFE CERTIFICATE.

The student must take the work listed in the Freshman and Sophomore years, a total of 64 hours, for the Life Certificate. This consists of:

a. Twenty-three hours of general requirement, as follows:

Composition and Rhetoric	3 hours.
Library Methods	1 hour.
Physical Training	1 hour per semester.
General Methods and Observation and Elementary School Administration,	5 hours.
Psychology	3 hours.
Teaching	4 hours.
Literature, or Public Speaking, or Story Telling, or Children's Litera- ture	3 hours.
	<hr/> 23 hours.

b. Seventeen hours of a group requirement. The group should be chosen by the beginning of the Sophomore year. (See below.)

c. Twenty-four hours of electives, to be chosen from any of the groups under the advice of the Faculty Adviser.

d. It is required that all students completing the life-certificate course, and who are not candidates for a certificate of special proficiency, take at least eight hours in one of the several departments as major groups for the completion of the full four-year course. The selection of the major should be made not later than the opening of the Sophomore year, and must be made by the middle of the year, the head of the department in which the major is taken becoming the student's adviser.

JUNIOR YEAR.

Psychology	3 hrs.	Principles of Education....	3 hrs.
Group Subjects	4 hrs.	Group Subjects	4 hrs.
Elective	8 hrs.	Elective	8 hrs.
	<hr/> 15 hrs.		<hr/> 15 hrs.

SENIOR YEAR.

Teaching	2 hrs.	Group Subjects	7 hrs.
Group Subjects	8 hrs.	Elective	8 hrs.
Elective	5 hrs.		<hr/> 15 hrs.
	<hr/> 15 hrs.		

SUMMARY OF REQUIREMENTS FOR THE DEGREE OF
BACHELOR OF SCIENCE (IN EDUCATION).

The student must take the work listed in the Freshman, Sophomore, Junior and Senior years, a total of 124 hours, for the degree of Bachelor of Science (in education). This consists of:

a. In addition to the work listed above as required for the Life Certificate, the following courses:

Psychology	3 hours.
Principles of Education	3 hours.
Practice Teaching	2 hours.

b. Forty hours of group requirement. The group should be chosen by the beginning of the Sophomore year. A group major should then be selected of 25 hours and a group minor of 15 hours, both with the advice of the Faculty Adviser, chosen by the student from the department in

which he majors. The minor may be taken within or without the group, but the major and minor shall not both be taken from the department of the Adviser.

c. Fifty-three hours of elective work, selected under the advice of a Faculty Adviser.

All elective courses will be chosen from the following:

ADDENDA

In addition to electives listed the following should be included:

English	Mathematics	Psychology
School Administration	Chemistry	Physics
Kindergarten	Practice Teaching	Methods

Government	3 hrs.	Economics or Sociology ...	3 hrs.
Library Science	3 hrs.	Library Science	3 hrs.

All courses to be taken from groups will be selected from the following:

ARTS GROUP.

Drawing	32 hours.
Manual Training	8 hours.
Home Economics	45 hours.
Botany	4 hours.
Agriculture	4 hours.
Physics	4 hours.
History	3 hours.
Public Speaking	3 hours.
Chemistry	16 hours.
Zoölogy	4 hours.
Bacteriology	4 hours.
Physiology	5 hours.
Total	132 hours.

THE BIOLOGICAL SCIENCES GROUP.

Bacteriology	11 hours.
Botany	11 hours.
Zoölogy	8 hours.
Geology	6 hours.
General Science Course	3 hours.
Plant Nature Study	2 hours.
Animal Nature Study	2 hours.
Evolution of Plant and Animal Forms	2 hours.
Physiology	18 hours.
Hygiene and Sanitation	3 hours.
Agriculture	9 hours.
Home Economics	12 hours.
Chemistry	8 hours.
Physics	4 hours.
Psychology	3 hours.
History and Methods of Science Teaching	2 hours.
Free-hand Drawing	2 hours.
Farm Accounting	2 hours.
Total	108 hours.

ENGLISH GROUP.

English Literature and Composition	45 hours.
Library Science	30 hours.
Speech Arts	25 hours.
Appreciation of Music	2 hours.
Art Appreciation	3 hours.
Æsthetic Dancing	3 hours.
Folk Dancing	2 hours.
Commerce	4 hours.
History and Social Science	9 hours.
Languages	5 hours.
Total	135 hours.

GEOGRAPHY GROUP.

Geography of Continents.....	11 hours.
Advanced Physiography	3 hours.
Relation of Geography to History.....	4 hours.
Economic Geography	3 hours.
Climate	3 hours.
Illustrative Geography	2 hours.
Special Methods in Geography.....	2 hours.
Nature Study	2 hours.
Geology of United States.....	4 hours.
Geology of Kansas.....	2 hours.
Agricultural Biology	2 hours.
Agronomy	4 hours.
General Economics	3 hours.
Commercial and Industrial History.....	3 hours.
Labor and Transportation Problems.....	4 hours.
Home Economics, Textiles.....	2 hours.
General Chemistry	4 hours.
Mechanics of Solids and Fluids.....	4 hours.
Heat, Light, Magnetism.....	4 hours.
Physics of Common Things.....	4 hours.
History of Western Europe.....	3 hours.
Industrial and Social History of England.....	2 hours.
History of Middle and Southern Colonies.....	2 hours.
The American Colonies.....	3 hours.
Astronomy	2 hours.

Total 82 hours.

HISTORY AND SOCIAL SCIENCE GROUP.

American History	32 hours.
European History	28 hours.
Political Science	12 hours.
Economics	14 hours.
Sociology	10 hours.
Arts	6 hours.
Biological Sciences	6 hours.
Physical Sciences	6 hours.
Commerce	3 hours.
English	6 hours.
Geography	4 hours.
General Pedagogy	6 hours.
Foreign Languages	6 hours.
Mathematics	3 hours.
Kindergarten and Primary Education.....	3 hours.
Music	2 hours.
Rural-school Education	2 hours.
Physical Training	2 hours.

Total 151 hours.

FOREIGN LANGUAGE GROUP.

Latin	25 hours.
German	25 hours.
French	17 hours.
English	7 hours.
Philosophy	4 hours.
Mathematics	4 hours.
History or Sociology.....	7 hours.
Story Telling or Speech Arts.....	3 hours.
Commerce	4 hours.
Biological Science or Geography.....	4 hours.
Physical Science	4 hours.
Public-school Music	2 hours.
Arts	2 hours.
Total	108 hours.

MATHEMATICS GROUP.

Algebra	9 hours.
Geometry, Trigonometry, Surveying	8 hours.
Analytics and Calculus	11 hours.
Astronomy	2 hours.
Advanced Arithmetic	4 hours.
History of Mathematics	2 hours.
Special Methods { Arithmetic Algebra Geometry }	6 hours.
Physics	8 hours.
Chemistry	4 hours.
Manual Training	8 hours.
Home Economics	4 hours.
Rural-life Problems	3 hours.
Agriculture	8 hours.
Latin or Modern Languages	8 hours.
Commerce	4 hours.
Geology	4 hours.
Total	93 hours.

MUSIC GROUP.

Sight Singing	12 hours.
Public-school Music	6 hours.
Chorus Singing and Conducting	7 hours.
Theory, History and Appreciation of Music	21 hours.
Piano and Pipe Organ	20 hours.
Voice	12 hours.
Violin and Stringed Instruments	12 hours.
Physics—Sound	2 hours.
Practice Teaching	2 hours.
Lytic Poetry	2 hours.
Æsthetic Dancing	4 hours.
Educational Psychology	3 hours.
Modern Languages	5 hours.
Educational Sociology	3 hours.
Total	113 hours.

GENERAL PEDAGOGY GROUP.

Psychology	20 hours.
Philosophy	12 hours.
General Methods and Observation and School Administration	5 hours.

GENERAL PEDAGOGY GROUP—*continued.*

History of Education	6 hours.
Principles of Education	3 hours.
Primary Methods	4 hours.
Kindergarten Methods and Theory	8 hours.
Practice Teaching	6 hours.
School Hygiene and Sanitation	3 hours.
Sociology	3 hours.
Biology (Evolutionary)	4 hours.
Total	74 hours.

PHYSICAL SCIENCE GROUP.

Physics	25 hours.
Chemistry	25 hours.
Mathematics	12 hours.
Agriculture	4 hours.
Botany	4 hours.
Geology	4 hours.
Physiology	3 hours.
Manual Training	4 hours.
Home Economics	4 hours.
Geography	4 hours.
Commerce	4 hours.
Latin	4 hours.
Modern Languages	4 hours.
Rural-life Problems	3 hours.
Total	104 hours.

PHYSICAL TRAINING GROUP.

Physical Training Theory	2 hours.
Plays and Games	2 hours.
Theory of Coaching or Management of Girls' Athletics	2 hours.
Teaching	4 hours.
History of Physical Education	4 hours.
Medical Gymnastics	4 hours.
Physiology of Exercise	2 hours.
Anthropometry	1 hour.
Applied Anatomy	2 hours.
Practice	6 hours.
Physical Diagnosis	2 hours.
Anatomy	5 hours.
Physiology	3 hours.
Hygiene and Sanitation	3 hours.
Histology	2 hours.
First Aid	1 hour.
Physiology of Alimentation and Dietetics	2 hours.
History of Modern Education	3 hours.
History of Ancient Education	3 hours.
Psychology, Child or Adolescent	3 or 2 hours.
Plays and Games	2 hours.
Primary Handwork or Basketry	2 hours.
General Chemistry of Physics	4 hours.
General Economics	3 hours.
General Sociology	3 hours.
Story Telling	3 hours.
Fundamentals of Expression	3 hours.
Total	76 or 75 hours.

KINDERGARTEN AND PRIMARY EDUCATION GROUP.

Primary Methods	4 hours.
Primary Teaching	2 hours.
Kindergarten Subjects	9 hours.
Kindergarten Teaching	8 hours.
Child Psychology	2 hours.
Plays and Games.....	2 hours.
Fundamentals of Expression.....	3 hours.
Drawing:	
Free-hand	}6-12 hours.
Blackboard Illustration	
Hand Work	
Elementary Water Color	
Clay Modeling	
Art Appreciation	
Music:	
Elementary Sight Singing	} .. 4-8 hours.
Kindergarten and Primary Music Methods	
Advanced Music Methods	
Piano	
Music Appreciation	
Children's Literature	3 hours.
Story Telling	3 hours.
History Stories for the Grades.....	2 hours.
American or English History.....	3 hours.
Physics of Common Things.....	4 hours.
Nature Study:	
Animal Life	} 4-8 hours.
Plant Life	
Geology	
Physiology, Hygiene and Sanitation.....	2 hours.
English:	
Shakespeare's Comedy	} 2-4 hours.
Tennyson's "Idylls of the King"	
Ethics	3 hours.
Sociology	3 hours.
Geography	2 hours.
Arithmetic	2 hours.
Home Economics (Sewing or Cooking).....	3 hours.
Total	76-92 hours.

RURAL-SCHOOL GROUP.

Arithmetic	4 hours.
Physics of Common Things	4 hours.
Plays and Games	2 hours.
Nature Study	4 hours.
General Methods and Rural-school Administrat'n,	5 hours.
Rural-life Problems	3 hours.
Manual Training or Domestic Science	4 hours.
Agriculture	4 hours.
Drawing and Hand Work	2 hours.
Bacteriology	4 hours.
Rural-school Music	3 hours.
Primary Methods	4 hours.
School Hygiene and Sanitation	3 hours.
Applied Civics	3 hours.
Rural Economics	3 hours.
Applied Chemistry	3 hours.
County Supervision	2 hours.
Needed School Legislation	2 hours.

RURAL-SCHOOL GROUP—*continued*.

Child Psychology	2 hours.
History, American or European	3 hours.
Farm Accounting	2 hours.
Story Telling	3 hours.
Public Speaking	2 hours.
Economic Geography	3 hours.

Total 73 hours.

VOCATIONAL TRAINING GROUP.

Commerce	27 hours.
Agriculture	19 hours.
Special Methods	2 hours.
Manual Training	20 hours.
Home Economics	15 hours.
Drawing	4 hours.
Mathematics	4 hours.
Geography (Economic)	3 hours.
Physical Science	4 hours.
Biological Science	4 hours.
Rural-life Problems	2 hours.
Geology	4 hours.
Bacteriology	4 hours.
Economics	3 hours.
Hygiene and Sanitation	3 hours.

Total 118 hours.

Outline of Instruction.

No Freshman or Sophomore course will be given unless registered for by twelve students; no Junior or Senior course, unless registered for by seven students.

The Arts.

DRAWING.

Professor GRIDLEY, Mrs. ECKDALL.

1.—FREE-HAND DRAWING. *Two hours credit.*

Summer Term, and each Semester.

Free-hand drawing, with pencil, charcoal and crayon; principles of perspective—elementary composition. Open to college students. Required for Kindergarten Life Diploma. No work required outside of daily class period.

2.—LIGHT AND SHADE, AND ELEMENTARY WATER COLOR.

Three hours credit. Summer Term, and each Semester.

Prerequisite, Free-hand Drawing, or courses in Elementary Free-hand Drawing. No work required outside of daily class period.

3.—BLACKBOARD ILLUSTRATION. *Two hours credit.*

Summer Term, and first half each Semester.

Practice in blackboard illustration, using chalk, charcoal and colored crayons. Required of students seeking the Kindergarten Life Diploma. May be taken by those desiring any of the Special Proficiency Certificates.

4.—DRAWING AND HAND WORK. *Two hours credit.*

Summer Term, and second half each Semester.

Elementary water color, design, weaving, modeling, paper cutting and other practical hand work for use in the lower grades and rural schools. Open to all students. May be taken by those desiring any of the Special Proficiency Certificates.

5.—PICTURE STUDY IN THE GRADES. *Two hours credit.*

First Semester.

Open to all students.

6.—ADVANCED FREE-HAND DRAWING AND METHODS. *Two hours credit.*

Summer Term, and Second Semester.

Advanced free-hand perspective and methods of teaching drawing. Of practical value to teachers in grammar grades and high schools.

7.—ELEMENTARY AND APPLIED DESIGN. *Four hours credit.*

Second Semester.

Historic ornament and design. Making original designs to be worked out in metal; also designs applied to fabrics by stencil and block-printing process. Original decorative wash drawings, color harmonies, lettering, interior decoration and costumes.

8.—HISTORY OF ART. *Four hours credit.*

Each Semester.

9.—CLAY MODELING. *Two hours credit.*

Summer Term, and first Semester.

Elementary modeling of clay suitable for hand work in lower grades. More advanced work, including plaster casting and patting for higher grades and high schools.

10.—ART APPRECIATION. *Three hours credit.*

Second Semester.

A course in art appreciation. Open to students having completed courses 5 and 8.

11.—ADVANCED LIGHT AND SHADE. *Four hours credit.*

Each Semester.

Prerequisites, courses 1 and 2. Advanced work in light and shade in wash drawing and charcoal. Studies are made from cast and still life.

12.—ADVANCED WATER COLOR. *Four hours credit.*

Each Semester.

Prerequisites, courses 1 and 2. Studies in landscape, fruit, flowers and still life.

13.—BASKETRY. *Two hours credit.*

Each Semester.

History of basketry. Instruction in weaving with reeds and raffia suitable for handwork in all grades and high school. Open to all students.

Home Economics.

Miss INGERSOLL.

HOUSEHOLD ART.

In all household art courses the student furnishes her own materials, except in hand sewing, where a laboratory fee of \$1.25 is charged to cover materials used from the laboratory supplies, and in drafting courses a fee of 75 cents is charged for paper used.

1.—SEWING. *Two hours credit.*

Summer Term, and second half Second Semester.

M. T. W. F., at 8.

This course may be taken to meet two hours of the requirement for the Special Proficiency Certificate for Rural School Teaching. The course deals with general principles of hand sewing, straight-line pattern drafting, plain garment making, machine work, and the study of yard lines and color in dress.

2.—HOUSEHOLD EFFICIENCY. *Two hours credit.*

Summer Term, and first half Second Semester.

This course may be taken to meet two hours of the requirement for the Special Proficiency Certificate for Rural School Teaching. The course deals with household conditions as affecting the health and comfort of the family and community; location and furnishing of the house; cleaning, step saving; household appliances, accounts, and a general study of the household.

3.—ADVANCED HAND SEWING. *Four hours credit.*

Summer Term, and each Semester.

Elective in the Freshman year. This course for Three-year State Certificate. A prerequisite to all succeeding household art courses. The aim is to teach students to be able to do accurate, durable hand-work, neatly and skillfully.

4.—DRAFTING AND MACHINE WORK. *Four hours credit.*

Each Semester, and Summer Term.

Prerequisite, Advanced Hand Sewing. Elective. Required of all students majoring in household art. A prerequisite to course 5. This course consists of a study of the use of patterns, cutting, fitting, and making of aprons and underwear. A complete course in drafting and designing of patterns for waists, skirts, and dresses, in preparation for course 5. During this semester elementary water color and elementary and applied design should be carried in order to satisfy the prerequisite for dressmaking. Deposit, 75 cents.

5.—DRESSMAKING. *Four hours credit.*

Each Semester, and Summer Term.

Prerequisite, Free-hand Drawing and Household Art 4. Elective. Required of all students majoring in household art. A study of all materials and trimmings suitable for dresses; shrinkage or any special treatment before and cautions to be observed while sewing the different materials. Plan, design and draft patterns suitable for the four dresses to be made—plain blue dress, tailored dress, afternoon dress, and fancy dress. Consideration of color and adaptation of materials, proportions and individual styles. Deposit, 50 cents.

6.—ART NEEDLEWORK AND MILLINERY. *Four hours credit.*

First Semester, and Summer Term.

Prerequisite, Free-hand Drawing, Elementary Water Color, and Elementary and Applied Design. Elective. This course is designed to familiarize the students with the simple stitches used for the finishing or decoration of articles of clothing or house furnishings. The course includes different kinds of embroidery, crocheting, knitting, and tatting. A study of styles, both of fall and spring; individual styles; suitability of materials. Designing and making of frames of wire and buckram; covering of frames, lining of hats, draping and trimming of hats.

7.—TEXTILES. *Two hours credit.*

Second Semester.

Required of all persons majoring in and expecting to teach household art. A prerequisite to Household Art 8, Special Methods. A study of the preparation of fibers, spinning and weaving. Kinds of looms, weaves, and kinds of cloth in which used—plain twill, sateen, rib, and basket. Study of fibers—vegetable fibers, animal fibers, mineral fibers. Special study of cotton, flax, silk and wool. Comparison as to prices, appearance, uses and wearing qualities. Study of dyes and dyeing processes, and their effect upon the fibers. Identification of materials, and their intelligent buying and use.

HOUSEHOLD SCIENCE.

EQUIPMENT OF STUDENT:

Students must be supplied with at least two each of the following articles:

White princess aprons.

White plain half-sleeves.

White or unbleached crash holders, 6 x 8 inches.

White or checked hand towels made of linen cup toweling, 18 inches square.

Students must also be supplied with wash dresses, or at least wash shirt waists, for the laboratory, and should have at least one white shirt-waist suit.

FEES.—The laboratory fees for courses 10 and 11 are \$6 per semester. Fees for course 12 are \$3 for the semester; for course 13, \$6 for the semester.

8.—FOODS. *Two hours credit.*

Summer Term, and second half Second Semester.

May be taken for two hours of the required work for the Special Proficiency Certificate for Rural School Teaching. This course is designed to meet the needs of rural teachers who desire some general knowledge of foods in order to do some domestic science teaching in their schools. It is also a desirable course for housekeepers.

9.—TEACHERS' COURSE. *Two hours credit.*

Summer Term.

May be taken for two hours of the required work for the Special Proficiency Certificate for Rural School Teaching. This course is planned to meet the needs of rural teachers, and deals with some of the problems of home and school sanitation during the first half of the term, the last half of the work being devoted to plans for simple lessons to be given in country schools and plans for equipment for such teaching.

10.—SELECTION AND PREPARATION OF FOOD. *Four hours credit.*

Second Semester.

Elective. Prerequisites, four hours each of Physics, Chemistry and Zoölogy, and three hours of Physiology. This course contains a study of the kitchen, plan, equipment, standard measures, fuels and temperatures; nature and uses of food; source, condition, chemical composition and function in the body; the food principles, with special study of the economic and æsthetic value, and principles governing selection, preparation and manipulation of foods. Proteids, fats, water, mineral matter. Demonstrations. Laboratory fee, \$6.

11.—ECONOMIC USES OF FOODS. *Four hours credit.*

First Semester.

Prerequisites, those for course 10, and Qualitative Analysis; four hours of Botany and three hours of Bacteriology. Elective. The course includes a study of food preservation and reasons for the same, and methods of its accomplishment; uses of preservatives; a study of bacteria and their relation to food preservation, carbohydrates, classes chemical composition, digestion, and application of heat in their preparation for the table; bread and the principles of bread making; food values and nutrient equivalents; the preparation of meals, their proper service and cost. Laboratory fee, \$6.

12.—DIETETICS. *Four hours credit.*

Each Semester.

Prerequisites, Home Economics 10 and 11, and their prerequisites; Quantitative Analysis, Organic Chemistry, Special Analysis; Physiology of Alimentation and Dietetics, and Bacteriology. Elective. The course includes the study of nutrients found in various foods; the proper balancing of meals; the chemistry of food and nutrition; discussion of the healthful diet for persons in normal condition of health but differing in occupation; influence of climate and seasons upon needed changes in diet; diet in disease; effect of various food constituents upon any one disordered digestive agent; invalid cookery. Laboratory fee, \$3.

13.—SERVING. *Two hours credit.*

Summer Term, and First Semester.

Prerequisites, Home Economics 10 and 11 or 8. In this course attention is given to the preparation of full meals for varying numbers of persons; the balancing of the meals; æsthetic cookery and serving; various methods of serving—buffet, cafeteria, table service, the dining room, table equipment, proper service of meals differing in type and formality. Emphasis is placed on the æsthetic and economic sides of the selection and preparation of the materials. Laboratory fee, \$6.

14.—THE HOUSE AND THE HOME. *Four hours credit.*

First Semester.

Prerequisites, Mechanical Drawing, Advanced Free-hand Drawing, Elementary Water Color, and Decorative and Constructive Design; Bacteriology first half. Elective. This course is a series of general lessons in home keeping. A study of the house, its location, lighting, ventilation, plumbing, drainage, water supply, plan. A study is made of cleansing agents, sanitation, fumigation, household pests; the home, the family, its evolution, its relation to the home; the house interior, bathrooms, sinks, cellars, ice chests, carpets, furnishings, hangings, color harmonies, cost of materials, and plans and color schemes for interiors.

15.—METHODS AND HISTORY OF HOME ECONOMICS. *Three hours credit.*

Summer Term, and Second Semester.

Prerequisites, General Psychology, General Methods and Observation, Home Economics 3, 4, 5 and 7, or 10, 11, 12 and 14; but all of these, should the student be majoring, also Economic Sociology and Community Betterment. This course includes methods in both household art and household science and is required of all persons expecting to be recommended from the department as household science or household art teachers. It includes a study of the history of home economics, and the history and growth of both industrial education and the education of women, together with studies in equipment and supplies, courses of study, and lesson plans. Three hours per week for ten weeks, followed by practice teaching three hours per week for ten weeks in the grades of the Training School or in the secondary classes.

16.—HOUSEHOLD MANAGEMENT. *Two hours credit.*

Summer Term, and First Semester.

The course offers study and experience in marketing, weights, choice of materials, judgment of values, keeping of accounts, simple tests for adulterants of both textile and food products; the choice and value of various household conveniences; plans for economy of time, strength, and money; the care and protection of household supplies. Laboratory fee, \$2.

Manual Training.

Professor BRAUCHER.

The courses in Manual Training are outlined with the purpose of giving all teachers who can avail themselves of the opportunity a thorough general knowledge of the subject as used in our public schools as a means of general education. The courses are elective and open to all students who may wish to prepare for teaching handwork in schools. For the purposes of superintendents and principals, and candidates for the Certificate of Special Proficiency in Intermediate and Grammar Grades or Rural School Teaching, the general courses may be modified to meet the particular needs of the individuals electing them. Students majoring

in agriculture, physics or mathematics may also have the general courses modified to meet their particular needs. The course in primary handwork is planned with special reference to the needs of primary teachers. The courses in drawing and woodwork are arranged in their order of sequence, and should be taken in regular order unless special reasons show a need for changing it.

1.—MECHANICAL DRAWING. *Four hours credit.*

Summer Term, and each Semester.

Open to college students who have had plane geometry. A course in the elements of mechanical drawing, beginning with geometrical constructions and dealing with orthographic, isometric and cabinet projections, surface developments, intersections, shadows, etc. Working drawings are required to give training in the application of mechanical drawing to accurate expression in the industries. An effort is made to get practical results, while at the same time giving as much of the theoretical principles as the time will permit. Supplies, \$2.50 per semester.

2.—WOODWORKING. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, course 1. A course in elementary woodworking for mature students who have some ability and training in the use of woodworking tools, but have not applied this skill to preparation for manual training. The work at the bench will include exercises in designing and making problems suited to manual training for children in the grades, to give a knowledge of work suitable for the beginner. Deposit for supplies, \$2 to \$3.

3.—JOINERY AND CABINETMAKING. *Four hours credit.*

Summer Term, and each Semester.

Prerequisites, courses 1 and 2. A course in advanced woodworking, dealing with more extensive problems in wood construction in which a large use is made of joints and panels. Problems requiring student initiative and adaptation will be assigned, involving practical applications of constructive design and the selection of appropriate principles of construction. Deposit for supplies, \$1 to \$5.

4.—WOOD TURNING. *Four hours credit.*

Summer Term, and each Semester.

Prerequisites, 1 and 2. A course in wood turning, beginning with elementary exercises in spindle turning, with applications. Some problems in faceplate and chuck work will be given, together with as wide an application of the work to practical construction as time will permit. Deposit for supplies, \$2 to \$5.

5.—THEORY AND PRACTICE. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisites, 1 and 2. A methods course, required of students expecting to qualify for Manual Training Certificate, and offered to advanced students of education, without the prerequisites, who wish to learn something of the content of manual training for administrative purposes. No tool work is offered in this course, but the time will be given to readings, reports, and discussions of the theory and practice of manual training in education. Courses of study, textbooks, equipments, supplies, etc., are studied.

6.—PRIMARY HANDWORK. *Two hours credit.*

Summer Term, and each Semester.

A course for primary and grade teachers who wish a knowledge of handwork suited to their needs in connection with the regular work. It deals with projects requiring materials suited to the use of children in the first to the fifth grades. Deposit, \$1 per semester.

Biological Sciences.

AGRICULTURE.

Professor PHIPPS.

1.—AGRONOMY. *Four hours credit.*

Summer Term, and First Semester.

No prerequisite. The course includes a study of the development and improvement of the hay and grain crops; legumes, and their relation to soil renovation; injurious weeds and insects, and methods of improving crop yields. May be taken for two hours of the work in agriculture for the Special Proficiency Certificate in Rural School Teaching. Deposit, 50 cents.

2.—ANIMAL HUSBANDRY. *Four hours credit.*

Summer Term, and each Semester.

No prerequisite. This course includes a study of types and breeds of farm animals, dairying, poultry, etc. Trips are made to the various barns in the vicinity for purposes of judging and seeing animals.

3.—FARM MANAGEMENT. *Four hours credit.*

Summer Term, and each Semester.

Prerequisites, Agronomy, and Animal Husbandry. This course is offered to those who wish to major in agriculture, or who wish to prepare to teach high-school agriculture. It includes seed testing; plant breeding; farm buildings and equipment; concrete construction; rotations and management. A practical course for one who expects to teach agriculture in an advanced high school. Deposit, 50 cents.

4.—HORTICULTURE AND FORESTRY. *Four hours credit.*

Each Semester.

No prerequisites. This course covers a new phase of agricultural education in Kansas, viz.: fruit growing; market gardening and trucking; marketing of produce; care of orchards and small-fruit farms; sprays and spraying; and practical forestry in Kansas. Students in this course will be furnished vacant lots, plants, seeds, spraying outfits and garden tools. Each student may choose his own phase of gardening, provided it be consented to by Mr. Phipps. Part of the class time will be used in caring for the lot and the plants. The produce will be marketed coöperatively and the net profit returned to the student. The grade in the course will be given largely upon the merits of the work done and the results shown. Students may enroll for instruction in the course either semester, but all gardening must be done during the second semester.

5.—SCHOOL GARDENING. *One hour credit.*

Summer Term, and each Semester.

No prerequisites. The course includes the improvement of lawn and school grounds; selection and care of trees and shrubs; and management of school gardens. Valuable for each rural school teacher.

BIOLOGY AND GEOLOGY.

Professor WOOSTER.

THE SCIENCE OF ORGANISMS—ZOÖLOGY.

1.—ANIMAL ECOLOGY. *Four hours credit.*

Each Semester.

Classes meet in laboratory and recitation daily.

No prerequisite. This course includes the work given formerly as field zoölogy and animal life, and gives work on birds and insects and an elementary study of animal development and ecology. It is especially intended for those who have not had zoölogy in the high school.

2.—ECONOMIC BIOLOGY. *Four hours credit.*

Each Semester.

Classes meet in laboratory and recitation daily.

No prerequisites. This course includes the work given formerly as agricultural biology and systematic zoölogy, and embraces a study of the structure and functions of representative animals and of their relationship to the farmer and to his soil and crops.

3.—FIELD ZOÖLOGY. *Two hours credit.*

Summer Term.

Classes meet in laboratory and recitation daily.

This course is intended for those who have not taken an equivalent course in zoölogy in the high school, and desire to gain a knowledge of insects and birds for use in nature study, agriculture and other natural history work.

4.—AGRICULTURAL BIOLOGY. *Two hours credit.*

Summer Term.

Classes meet in laboratory work and recitation daily.

No prerequisite. This course treats of the care, kinds, feeding, good and bad qualities, and disposal of animals found on the farm; and of the soils, crops, fertilizers and diseases associated with them.

5.—EVOLUTION OF PLANTS AND ANIMALS. *Two hours credit.*

Second Semester.

Prerequisite, course 2. This course, as the name implies, gives a study of the embryology, development and evolution of plants and animals. Each member of the class must present, orally or from manuscript, a thesis on evolution at the close of the semester.

ENVIRONMENTAL SCIENCE—GEOLOGY.

6.—GEOLOGY OF THE UNITED STATES. *Four hours credit.*

Each Semester.

Some knowledge of zoölogy is desirable as a preparation for the second half of this subject. This comprises a study of the dynamical, structural and historical geology of our country, and includes laboratory and field work. It is a very necessary preparation for the teaching of physical geography and for the full enjoyment of all natural scenery.

7.—GEOLOGY OF KANSAS. *Two hours credit.*

Summer Term.

Daily, in laboratory and recitation.

No prerequisite. This brief course in Kansas geology comprises studies in soil, climate, forest, and the subjacent rock formations with their included forms of extinct life; and the geological work of wind, rain, air, moisture and running water, all with especial reference to understanding the physical features of our state.

THE SCIENTIFIC METHOD—SCHOOL SCIENCE.

8.—NATURE STUDY. *Two hours credit.*

Summer Term.

No prerequisite. The course in nature study treats of the methods of teaching natural history in the grades, and will be illustrated with numerous nature-study lessons. May be taken to meet the requirement for the Certificate of Special Proficiency and the Kindergarten Life Diploma.

9.—HISTORY AND SPECIAL METHODS OF SCIENCE. *Four hours credit.*

First Semester.

This is a study of the contributions of those scientists who have aided materially in the development of science, all interpreted in the light of modern science; and closes with a brief investigation of the better methods of teaching the natural sciences, especially botany and zoölogy.

10.—GENERAL SCIENCE COURSE. *Three hours credit.*

First and Second Semesters.

This course is intended to give a general preparation for teaching several of the elementary sciences in the first year of the high school.

BOTANY.

MR. AGRELIUS.

11.—FRESHMAN BOTANY. *Four hours credit.*

Summer Term, and Each Semester.

The course gives a general view of the plant kingdom from one-celled plants to the Compositæ. Deposit, 75 cents.

12.—PLANT ANATOMY. *Four hours credit.*

First Semester.

Prerequisite, Freshman Botany. This course covers a study of the structure of both flowering and nonflowering plants. Deposit, \$1.

13.—PLANT PHYSIOLOGY. *Three hours credit.*

Second Semester.

Prerequisites, General Physiology, General Chemistry, Mechanics of Fluids, and Freshman Botany. This course embraces a study of the vital processes of plants—absorption, excretion, circulation, respiration—and is intended as a preparation for this phase of botany teaching in the high school. Deposit, \$2.

14.—NATURE STUDY. *Two hours credit.*

Second half Second Semester.

May be taken to meet requirements for Special Proficiency Certificates in Rural School, Primary, and Intermediate and Grammar Grade Teaching, and Kindergarten Life Diploma. The course seeks to determine the phases of plant life which may be profitably presented in the grades, the modes of presenting such work, and the literature useful in teaching the subject.

BACTERIOLOGY.

MR. AGRELIUS.

15.—GENERAL BACTERIOLOGY. *Four hours credit.*

Summer Term, and First Semester.

No prerequisite. This is a general course in bacteriology. It includes the preparation and use of ordinary and special media and stains, and other bacteriological technique, and the distribution,

dissemination, classification and identification of bacteria. Special attention is given to those forms causing disease in man and other animals, and to immunity from these organisms; to water supplies; the disposal of sewage; and to individual and community hygiene. Deposit, \$2.

16.—AGRICULTURAL BACTERIOLOGY. *Three hours credit.*

Second Semester.

No prerequisite. This course consists chiefly of laboratory work, and includes methods of growing and staining bacteria; a study of the kinds of especial interest to the farmer because of their relation to soil formation and fertility, to disease in live stock, and to dairy and other farm products. Deposit, \$2.

17.—HOUSEHOLD BACTERIOLOGY. *Three hours credit.*

Second Semester.

No prerequisite. This course treats of the preparation of media for growing bacteria and molds; of the staining of these organisms; of their forms and functions; and of their relation to the home. It includes the preservation of fruit; the effect of bacteria on milk, butter and other foods; the location of wells and the care of the same; the disposal of wastes; and the lighting and furnishing of the home as affecting the health of its occupants. Deposit, \$2.

18.—BRIEF COURSE IN BACTERIOLOGY. *One hour credit.*

First Semester.

No prerequisite. Some of the more important facts about bacteria and their relation to man are considered as well as the time will permit. It is the purpose of this course to enable every teacher to gain some accurate knowledge of bacteria instead of the more or less hazy notions often held. It does not attempt the same quantity or quality of work done in the other courses. Deposit, 50 cents.

PHYSIOLOGY AND HYGIENE.

Professor WHITE.

1.—GENERAL PHYSIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

An elementary course with college credit for those students who have never taken physiology in high school, and will satisfy the three-year certificate requirement in physiology for these students. The work will consist of a comprehensive discussion of the basic principles of physiology, and emphasis will be laid upon the relation of the body functions to personal efficiency. From time to time laboratory apparatus and sections of normal tissue will be used to give a better idea of the subjects under discussion. Required for Three-year State Certificate.

2.—ADVANCED PHYSIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, a high-school course in physiology, or course 1. Frequent illustrations of the subject under consideration will be given by use of laboratory apparatus and methods. The School is now equipping a physiology laboratory, the apparatus in which will be used to perform many of the experiments. In addition to a careful discussion of the functions of the blood, lymph, digestive tract, nervous system, skin, glands, respiratory organs, muscles, etc., conference topics will be assigned to each student during the course, on pertinent subjects, on which students will be asked to make special research and read the results of their investigations in class. Required for Three-year Certificate of students who have had high-school physiology.

3.—PHYSIOLOGY OF ALIMENTATION AND DIETETICS. *Two hours credit.*

Second Semester.

Particular stress will be laid upon the study of the action of the enzymes, and the secretions of the glands of the stomach and intestines, also the secretions of the salivary glands and pancreas. The processes of absorption, assimilation, emulsification, saponification, and their relation to nutrition, are studied in detail. The calory values of the different constituents of food are given proper consideration, and the proper amount of each constituent in a daily diet with relation to the amount of physical or mental work done. A careful study of the bacteria of the alimentary tract, and conditions under which they multiply, will also be included.

4.—EXPERIMENTAL PHYSIOLOGY AND LABORATORY METHODS.

Two hours credit.

Second Semester.

Prerequisite, Advanced Physiology. This course will include the actual performance of the various experiments in the laboratory and the setting up of all necessary apparatus. A knowledge of the technic of the experiments requiring live animals, such as the frog and chameleon, will also be gained.

5.—HYGIENE AND SANITATION. *Three hours credit.*

Summer Term, and each Semester.

A course dealing with the practical phases of hygiene and sanitation as it affects the conditions under which we live and exist. A few of the subjects taken up will be as follows: air, humidity and its effect on health; ventilation, natural and artificial, the amount of air required per capita, etc.; dust and its removal; heating systems, methods, etc.; water—composition, properties, kinds, impurities, purification systems, filtration, sedimentation, reservoirs, watersheds, chemical tests, etc.; sewage removal, disposal plants, plumbing; garbage disposal, and collection; food—adulterants, laws applying, preservatives, energy value, etc.; exercise; clothing; personal hygiene, industrial hygiene, effects of certain occupations, etc.; length of working day; school hygiene, site, structure, windows, blackboards, medical inspection of, etc.; military hygiene; naval hygiene; soil; habitations—site, walls, foundations, roof; flies, mosquitoes, etc.; disease—epidemics, immunity, susceptibility, vaccination; disinfection—methods, materials, etc.; quarantine—laws and customs in different localities; vital statistics. Practical field trips will be taken to observe dust removal, ventilation systems, heating plants, refrigeration plants, slaughterhouses, garbage incinerators, waterworks systems, etc.

6.—FIRST AID TO THE INJURED. *One hour credit.*

Summer Term, and each Semester.

A course in emergencies and first aid to the injured is offered. This course will take up the important points under anatomy which are necessary, and a discussion of germs and infection, followed by a consideration of inflammation, its causes and symptoms. Briefly, the following conditions will be considered: First-aid materials, antiseptics, splints, tourniquets, shock, bruises, sprains, dislocations, fractures, burns of all kinds, hemorrhage, unconsciousness, convulsions, poisoning, sunstroke, frostbite, electric shocks and lightning, hiccup, corns, chilblains, etc. Artificial respiration after drowning accidents will be carefully taught; also thorough practice in all kinds of bandaging.

7.—HISTOLOGY. *Two hours credit.*

Second Semester.

A study of the structure of the organs and tissues of the body, both macroscopic and microscopic, including the glands, blood vessels, muscles, nerves, skin, kidney, liver, stomach, pancreas, spleen, etc. Laboratory work will be an integral part of the course. The permanent mounts of sections of tissue will be the property of the individual student at the completion of the course, and will be invaluable for illustrating work in physiology, for the teacher who wishes to get permanent results.

8.—HUMAN ANATOMY. *Five hours credit.*

First Semester.

Study of the bones, muscles, and internal organs. A thorough study is made. Prerequisite, Advanced Physiology.

Commerce.

Professor PARKE.

1.—ELEMENTARY ACCOUNTING. *Three hours credit.*

Summer Term, and each Semester.

Open to Freshmen who have had no high-school bookkeeping. Fundamental principles are studied and applied. Practical sets of books adapted to ordinary business transactions are opened, kept, and closed. Business papers, including checks, notes, drafts, and invoices, are used. Prepares students to do practical work in bookkeeping and for the advanced accounting courses.

1a.—ACCOUNTING AND BUSINESS PRACTICE. *Two hours credit.*

Summer Term, and each Semester.

Open to students who have had a half year of high-school bookkeeping, or equivalent. Includes the latter part of Elementary Accounting.

2.—MERCANTILE ACCOUNTING. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, Elementary Accounting or one year of high-school bookkeeping. An advanced course, covering work in a large mercantile business. It gives the best modern practice in keeping records, and shows the relation of scientific accounting to business efficiency. Books with special columns, self-balancing ledgers, auxiliary books, with a classification of accounts that show in detail the condition at all times of every department of the business, are used.

4.—FARM ACCOUNTING. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, Elementary Accounting or one year of high-school bookkeeping. A complete scientific scheme of keeping farm accounts, designed to prepare teachers to organize and conduct practical farm accounting courses in high schools.

5.—BANK ACCOUNTING. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, Elementary Accounting. Organization and management of banks. Books opened from statements of a bank already in operation. The work is designed to reproduce as nearly as practicable the routine of a bank.

6.—CORPORATION AND FACTORY ACCOUNTING. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, Mercantile Accounting. Several brief sets are used to show the distinctive features of corporate accounting. The principal set is that of a manufacturing business using the voucher system. It illustrates modern cost keeping, gives a scientific classification of expenses, and shows in detail the activities, productive and distributive, of a manufacturing business. The course uses a comprehensive set of records, showing a highly developed system of modern accounting.

7.—PHILOSOPHY OF ACCOUNTS. *Two hours credit.*

(Not given in 1914-'15.)

Prerequisites, Bank Accounting, and Corporation and Factory Accounting. Accounting in its relation to economics. Analysis of complex accounts and statements, general principles of cost accounting, valuations involving interest, treatment of depreciation, capital and revenue accounts, the use of statistics in determining the condition of a business.

9.—BUSINESS ORGANIZATION. *Two hours credit.*

On sufficient demand.

It is advised but not required that this course be preceded by General Economics. The individual business man, the partnership, and the corporation. Extractive, manufacturing, and distributive industries. The various departments of a large business and their relations to one another. The markets, advertising, credits, and collections. The administrative department and accounting methods.

10.—ELEMENTARY LAW. *Two hours credit.*

Second Semester.

Designed to give a general view of our legal system. Among the topics studied are written and unwritten law; criminal law; private wrongs, including fraud, negligence, nuisances, trespass, defamation of character, etc. Remedies for public and private wrongs are discussed, including an outline of court procedure and a study of the rules of evidence. Correlates with history, government, and economics, as well as with business subjects.

11.—BUSINESS LAW. *Four hours credit.*

Summer Term, and each Semester.

It is the aim in this course to teach those principles of law that give one an intelligent idea of his legal rights and limitations in business dealings. The law of contracts, sales, commercial paper, agency, partnerships, corporations, bailments, and insurance are among the topics studied. Attention is given to the law governing real-estate titles, and transfers by deed, will, and inheritance. Drills are given in writing contracts, bills of sale, leases, mortgages, deeds, and other legal papers.

13.—ELEMENTARY STENOGRAPHY. *Five hours credit.*

Summer Term, and each Semester.

No prerequisite. The emphasis is placed upon an absolute mastery of principles. Much drill is given in reading shorthand and in writing ordinary business and literary matter.

14.—ADVANCED REPORTING. *Four hours credit.*

Second Semester.

Prerequisite, Elementary Stenography. Phrasing, special contractions, and advanced shortening principles, with daily dictations and transcriptions.

15.—SHORTHAND SPEED PRACTICE. *Two hours credit.*

Prerequisite, Advanced Reporting. Dictation of difficult matter, use of dictaphone, and office methods.

16.—ELEMENTARY TYPEWRITING. *Four hours credit.*

Summer Term, and each Semester.

No prerequisite. A practical course, including a thorough knowledge of the machine and of the various kinds of work to be done upon a typewriter. Forms of letters, business papers, carbon work, legal forms, tabulating and invoicing. Laboratory fee, \$4.

17.—ADVANCED TYPEWRITING AND SPEED PRACTICE. *Two hours credit.*

Second Semester.

Prerequisite, Elementary Typewriting. Drill is given in dictation and in various lines of office work. Much practical matter from the offices of the School and from other sources is given to the class. Laboratory fee, \$2.

18.—METHODS IN PENMANSHIP. *Two hours credit.*

Summer Term, and each Semester.

Open to Freshmen. Drill is given in movement, in the formation of letters, and in writing business forms, with emphasis upon presenting penmanship in the different grades. May be taken for the Three-year State Certificate.

20.—SPECIAL METHODS. *Two hours credit.* Second Semester.

Prerequisite, twenty hours of Commerce. This is a teacher's course, including among others the following subjects: The high-school commercial course; subjects to be included, order of presenting them, amount of work to be done in each, methods of teaching them. Adaptation of the commercial course to the small, the medium, and the large high-school, and to local conditions.

English.

Miss McNALLY, Miss NEWTON, Mr. BROWNELL.

1.—RHETORIC AND COMPOSITION. *Three hours credit.*

Summer Term, and each Semester.

It offers training in the fundamental principles and practice of English prose discourse. Narration, description, exposition and criticism are presented, with a variety of analytical and constructive exercises. The practical needs of everyday life are kept constantly in view, and technical excellence is essential. Weekly themes are required. The writing and criticism of longer themes, with a study of the principles of structure. Required.

1a.—JOURNALISM. *Three hours credit.*

Summer Term, and Second Semester.

May be substituted for course 1. A course in newspaper reporting and correspondence work. Special study is made of the news story in all its forms, and students are given practice in the writing of these stories for local and state papers. Due attention is given to the development of the crisp newspaper style. All students are required to turn in tips with regard to current local news. The course should help the teacher to see the news value of school activities and to interest the public in the affairs of the school.

2.—SHAKESPEAREAN DRAMA. *Four hours credit.*

Summer Term, and First Semester.

It includes the study and interpretation of four plays—two tragedies, one comedy, one historical play, or their equivalent—with special reference to form, plot, character, ethical values. Other plays will be assigned for special reading. Two papers are required.

3.—NINETEENTH CENTURY LITERATURE. *Three hours credit.*

Summer Term, and First Semester.

Authors studied: Wordsworth, Coleridge, Scott, Byron, Shelly, Keats, Mathew Arnold, Landor, Tennyson, Clough, Rosetti, Morris, Swinburne.

4.—THE ELEMENTS OF LITERATURE. *Three hours credit.*

Second Semester.

The principles underlying the development of literature are presented and exemplified. The required reading is selected from lyric, epic, and dramatic poetry, and prose fiction and drama.

5.—AMERICAN LITERATURE. *Three hours credit.*

April-August.

This course suggests specific materials and methods for a study of the more significant figures in American literary history. It makes use of selected references, list of classics, biographies and criticisms, generally agreed upon as most significant; and provides for as many detailed studies in tendency, substance, form and style as the student can master.

6.—THE SHORT STORY. *Two hours credit.*

First Semester.

This course includes an investigation of the nature and kinds of short story; the structure of the short story; a study of short stories by the laboratory method; the preparation for authorship.

7.—EPIC POETRY. *Four hours credit.*

Second Semester.

This course considers the nature of the epic, both primitive and modern; the progress of the epic; the structure and thought of the English epic.

8.—HISTORY AND DEVELOPMENT OF THE MODERN ESSAY.

Two hours credit.

Given upon sufficient demand.

A study of eighteenth and nineteenth century essays and essay writers: Addison, Lamb, De Quincey, Carlyle, Ruskin, Arnold, Macaulay, Stevenson. Three papers are required.

9.—ALFRED TENNYSON. *Two hours credit.*

Given upon sufficient demand.

A study of "The Idylls of the King," with reference to their sources; the "Idylls" as an epic; the allegorical tendencies of Tennyson's mind manifested in poems.

10.—ROBERT BROWNING. *Two hours credit.*

Summer Term, and First Semester.

This includes the minor poems; the "Ring and the Book"; the dramas. Elizabeth Barrett Browning and her poetry are discussed.

11.—RISE AND DEVELOPMENT OF THE ENGLISH NOVEL.

Two hours credit.

Second Semester.

This is a historical course, including the literary forms that contribute to the novel; the passing of the old romance; the eighteenth century realists; the nineteenth century romances; the realistic reaction; the psychological novel; the contemporary novel.

12.—CHAUCER. *Four hours credit.*

First Semester.

The Canterbury Tales. Grammar and easy reading.

13.—ELEMENTARY OLD ENGLISH. *Two hours credit.*

Second Semester.

Grammar and easy reading.

14.—THE LIFE AND WORKS OF SPENSER. *Two hours credit.*

(Not given in 1914-'15.)

A course which considers the "Fairie Queen" and the minor poems; allegory; the poet's versification; his significance with respect to Elizabethan poetry.

15.—THE CONTEMPORARY DRAMA. *Two hours credit.*

Studies in the dramatic literature of Europe and America at the present day, with special reference to the treatment of social problems and the development of dramatic technique.

16.—SPECIAL METHODS IN GRAMMAR AND LITERATURE. *Two hours credit.*

Summer Term, and First Semester.

This is a teachers' course. Some stress is laid upon the historical development of the language and upon the textbooks available. Attention is particularly directed to the problems with which teachers have to deal and to methods of presenting the subject to pupils.

Geography.

Miss ATWOOD.

1.—EURASIA. *Four hours credit.*

(Not offered in 1914-'15.)

2.—NORTH AMERICA. *Four hours credit.*

First Semester.

The physiography of the continent and its influence upon the development of the nations. The development and conservation of the natural resources of the United States, and their relations to industries.

3.—ADVANCED PHYSIOGRAPHY. *Three hours credit.*

Second Semester.

Types of land forms, their origin, growth or change, and their relation to man's interests. One hour of laboratory work.

4.—ECONOMIC AND INDUSTRIAL GEOGRAPHY. *Three hours credit.*

Summer Term, and Second Semester.

The development of natural resources and their relation to the growth of nations. The geographical factors influencing the location and development of industrial regions, trade centers and commercial activities.

5.—RELATION OF GEOGRAPHY TO HISTORY. *Four hours credit.*

Summer Term.

The geographic factors influencing settlement, westward movement and growth of the United States.

6.—CLIMATE. *Three hours credit.*

First Semester.

The principles of meteorology and their relations to the types of climate of the world. A detailed study of the climate of important regions of the world, and its relation to man's activities.

7.—SOUTH AMERICA. *Three hours credit.*

(Not offered in 1914-'15.)

8.—ILLUSTRATIVE GEOGRAPHY. *Two hours credit.*

Second Semester.

Chalk modeling of maps and of types of relief features. Of special help to teachers of physiography and to illustrate continental features to bring greater success in teaching.

9.—SPECIAL METHODS IN GEOGRAPHY. *Two hours credit.*

Summer Term.

The nature and scope of the subject and its relation to other subjects of study. Selection of subject matter, and methods of presentation for different grades. Geographic materials and their use.

American History.

Professor WHITNEY.

1.—AMERICAN HISTORY, GENERAL COURSE. *Three hours credit.*

Summer Term, and each Semester.

This is a textbook course designed especially to meet the three-hour college requirement for college students who have not had American history in high school, and who do not expect to major in history.

3.—KANSAS HISTORY. *Two hours credit.*

Second half Second Semester.

The state text is used as a guide. A more definite knowledge of the history of our own state should be the pride of every Kansas boy and girl. The work of this course is to equip the teacher for this service to Kansas.

4.—AMERICAN HISTORY TO 1607. *Two hours credit.*

First Semester.

European conditions leading to our age of discovery, and the ancient life on the American continent, are followed by a detailed study of the discoverers and explorers as expressive of the character, motives, methods, and results of European expansion in the fifteenth and sixteenth centuries.

7.—THE AMERICAN COLONIES, 1607-1763. *Three hours credit.*

First Semester.

The planting and growth of the individual colonies, the character of the several sections of the country, and the development of colonial institutions lay the foundation to appreciate the formation of the American Nation.

8-9.—THE AMERICAN REVOLUTION AND CRITICAL PERIOD, 1763-1789.

Three hours credit.

Second Semester.

This story of the struggle of the colonies for independence and of the nation to realize itself in government is dramatic. One sees a nation in the making and the process by which it builds great principles into its form of government.

10.—POLITICAL AND CONSTITUTIONAL HISTORY, 1789-1817.

Three hours credit.

Each Semester.

This is the period of foreign domination. The new constitution stands the severe test of most trying conditions at home and abroad.

11.—POLITICAL AND CONSTITUTIONAL HISTORY, 1817-1860.

Three hours credit.

Second Semester.

This is an era of great internal development. Economic questions arise with direct bearing upon the Rebellion. New movements—educational, political, philanthropic, religious, literary and governmental—characterize the period.

13.—THE WEST. *Two hours credit.*

First Semester.

The growth of our nation westward is examined for its causes and processes. New problems result; how do they affect our national life?

15.—THE REBELLION, 1861-1865. *Two hours credit.*

First Semester.

The general facts underlying the precipitation of the conflict are examined. The war is studied by campaigns, with the attempt to discover the designs and methods of the leaders. A study is made of the resources, such as army, navy, supplies, transportation, etc., of the combatants; of finances; of the attitude of foreign countries; of prominent political leaders, and of results.

16.—RECONSTRUCTION. *Two hours credit.*

Summer Term, and Second Semester.

This is the least understood period of all American history. The problems of reconstruction, what it involved, the difficulties surrounding it, the ends to be attained by it, the methods of solving it, and the consequences resulting, form the nucleus of the course. The plans of Lincoln, Johnson, and Congress lead the student to discover how great minds differ on vital issues. The impeachment of Johnson and the election of 1876 close the period. Courses 7, 8-9, 10, 11, and 15 are excellent preparation for this course.

17.—AMERICAN HISTORY SINCE 1876. *Two hours credit.*

Summer Term, and Second Semester.

This sets forth the trend of events in the North and in the new South since reconstruction days; the prominent place America has taken in international affairs, her high standards for public relations, and her giant strides in all lines of activity.

22.—SPECIAL METHODS IN HISTORY. *Two hours credit.*

Summer Term, and First Semester.

This course is prepared to give teachers three things: first, an understanding of the place history should hold in the school curriculum; second, an equipment of courses of historical materials; third, a knowledge of the best methods of using these materials.

The first involves a study of the evolution of history and why it occupies its present exalted position in educational thinking. The second deals with the examination of texts, the preparation of reading lists, and the outlining of courses of study in history for the primary, elementary grades, and secondary schools. The third covers particular phases of historical presentation in all these grades, hand work, etc. All of this is supplemented by observation and criticism. No text. Lectures and laboratory work.

23.—HISTORY STORIES FOR THE GRADES. *Two hours credit.*

Summer Term.

This course will include the stories from all nations—Ancient, Greek, Roman, English, German, French, American, etc.—suited to the primary and intermediate grades. A study of the story itself, its setting, its presentation, books of reference, hand work, dramatization, programs for special days will be features of the course.

European History.

Professor WILLIAMS.

The equipment of the European History Department consists of 920 books of the following classification: General, consisting of history of civilization, philosophy of history, historical research and method, 132; European, 181; English, 264; Roman, 211; Greek, 132. Of this number 100 are either complete or extract source material. The additional material consists of three historical charts, fourteen wall maps, six graphic charts, ten wall pictures, and a large number of small pictures, eight historical atlases, and two complete stereopticon sets of Greece and Rome. It is the plan of the department to complete this equipment until a fair-sized historical museum will be established.

3.—HISTORY OF GREECE. *Two hours credit.*

First Semester.

Emphasis is laid on the artistic, intellectual, religious, social, economic and political life of the Greek people. Special attention is given to mythology as an aid to teachers in primary and secondary schools. The fundamental idea is kept in mind that the historical significance and importance of the Greeks is their contributions to the general civilization of the world in their development of a superior intellectual and æsthetic culture. Open to Freshmen.

4.—HISTORY OF ROME. *Two hours credit.*

Summer Term, and Second Semester.

This course traces the growth of the Roman state and people from the legendary period to the time of the incoming of the barbarian and the deliquescing of the empire. The real greatness of Rome, which forms a part of the world's possessions to-day—her monuments, her language and literature, her ideals of government, and her legal system—receive particular attention. Recommended to students majoring in Latin. Open to Freshmen who have taken course 1.

5.—HISTORY OF ENGLAND TO 1603. *Three hours credit.*

First Semester.

In this course the aim is to trace the great movements by which Ancient England has become Modern England and the forces which have given rise to these movements. The fusing of several races into the English people. The early English institutions which were the germ of later institutions and the social and economic life of the period receive consideration.

6.—HISTORY AND GOVERNMENT OF ENGLAND FROM 1603 TO THE PRESENT.

Three hours credit.

Summer Term, and Second Semester.

This course is a continuation of course 5. They should be taken in regular order, but with the consent of the department this requirement may be waived. The course deals with the successful working out by the English people of two great problems in government—that of self-government under free democratic forms, and that of governing remote dependencies. The development in the great fields of industry—manufacture and commerce—and the growth in social and intellectual progress are also studied. These courses are recommended to students majoring in American history.

7.—HISTORY OF WESTERN EUROPE. *Three hours credit.*

First Semester.

Open to Freshmen. This course is an introduction to the study of European history, and should precede all other courses. The course attempts to give a modern historical point of view as a basis for future historical study. It includes also the description of the most significant achievements of Western civilization during the past fifteen hundred years—how the Europe of to-day grew out of the Europe of the ninth century. In all, the principle of continuity in history is emphasized, *i. e.*, progress has been made by slow and gradual development rather than by abrupt changes. History from the sources is an important factor in this study. The course meets the history requirement.

8.—MEDIÆVAL INSTITUTIONS. *Two hours credit.*

First Semester.

An intensive study of a number of select problems in Mediæval social, political and religious institutions. Open to advanced students in European history.

11.—EIGHTEENTH CENTURY HISTORY. *Two hours credit.*

First Semester.

This course presents a preparatory study for the history of the nineteenth century. It was the eighteenth century which set the problems of progress and suggested their solution. It was the nineteenth century that worked them out in detail and made their applications. This course will deal with the European struggles for colonial and commercial supremacy, the Old Régime in Europe, the forces working for reform; France before, during and after the Revolution, and the Napoleonic era down to the Congress of Vienna in 1815. The territorial changes, national policies, economic conditions and intellectual interests of this period form the basis for a fuller understanding of the nineteenth and twentieth centuries.

12.—THE NINETEENTH CENTURY AND AFTER. *Three hours credit.*

Summer Term, and Second Semester.

This course begins with the reconstruction of Europe in 1815, and continues the history of Europe to the present. The ideas bequeathed by the French Revolution of social and political equality and freedom and the struggle for national unity and popular sovereignty are dominant factors in the period. The great economic, social and scientific changes which mark modern times are followed. The world problems and movements of to-day are studied through the newspapers and current periodicals. Reading, clipping, filing and reporting upon these current events form an interesting and valuable part of the course. Prerequisite, course 9. This course meets the history requirement.

13.—INDUSTRIAL AND SOCIAL HISTORY OF ENGLAND.

Two hours credit.

First Semester.

This course is recommended to round out the study of English history. Mediæval rural and town life, trade and commerce, the economic changes of the fourteenth and fifteenth centuries that resulted in the breaking up of the mediæval system, the industrial revolution with its momentous results, the extension of government control shown in the factory laws, modification of land ownership, sanitary regulations and government industries, and the development of trade-unions, trusts and coöperation, are the principal topics of study. Prerequisites, courses 5 and 6.

14.—THE REFORMATION. *Two hours credit.*

Second Semester.

This course gives consideration to the general struggle between the old and the new order of things, the modern nations which were rising into power, and the need of reform before the revolt occurred. The individual reformers, together with the revolt and counter-revolt in the various countries, are objects of study. The religious, political and economic results of the movement complete the study.

15.—THE FRENCH REVOLUTION. *Two hours credit.*

Second Semester.

To understand the social, economic and political conditions in France which were outgrown and the origin and growth of the revolutionary spirit is quite as necessary as to trace the history of destruction of abuse and the struggle for liberty and rights. The course offers a study in social psychology and the political theories of the time, as well as a history of the Revolution itself.

16.—THE PRINCIPLES AND METHODS OF HISTORY. *Two hours credit.*

Each Semester.

This course considers the definitions, nature, and scope of history, the sources of historical knowledge, historical evidence and criticism, and the modern point of view in regard to the subject. The discussions cover the aims and values of history, the history program, and general methods of instruction. Each student is expected to work out bibliographies for various history courses, lists for library reference, a program for history in the grades and the secondary school, and present model lessons before the class. The visitation of different history classes and discussion of teacher, lesson and recitation follow.

Economics and Sociology.

Professor SMITH.

ECONOMICS.

1.—GENERAL ECONOMICS. *Three hours credit.*

Each Semester.

A brief survey of the principles of economics, with a preliminary application of these principles to existing business conditions. Special attention will be devoted to local and national politics—economic questions before the public at the present time. In so far as possible it will be an applied rather than a theoretical course, and will be of especial advantage to debaters and those interested in public affairs.

2.—MONEY, BANKING, AND PUBLIC FINANCE. *Four hours credit.*

First Semester.

Prerequisite, General Economics. The first half of the semester is devoted to the general history and principles of money and credit; banking history, theory and practice; and some of the financial problems of the day. The last half of the semester will be devoted to public finance. This course includes an analysis of the fundamental principles of national finance as shown in the leading revenue systems of the world; the variety, nature and workings of the different elements of taxation in our national, state and municipal budgets; and a study of the specific tax problems before the state of Kansas. By special consent of the instructor and adviser the two parts of this course may be taken separately and two hours credit given.

3.—COMMERCIAL AND INDUSTRIAL HISTORY. *Three hours credit.*

Course 3 is a history of commerce. It traces the rise of trade and commerce in ancient times, its development during the Crusades and the age of the Hanseatic and other commercial leagues, and its enormous expansion in recent times; also the effects of geographical conditions, customs and economic ideas upon commerce, and the reactionary effect of commerce upon civilization and national development. It embraces a review of the colonial industrial system, the growth of manufactures, the internal improvement and tariff questions, the development of our banking and currency systems, and the rise and treatment of our trust and monopoly problems.

4.—LABOR AND TRANSPORTATION PROBLEMS. *Four hours credit.*

Second Semester.

Prerequisite, General Economics. A brief history of labor organizations, with a preliminary study of such problems as the union label, strikes and boycotts, workingmen's insurance, employer's liability, profit sharing, and labor legislative programs. This will trace briefly the history of transportation in the United States and Europe, then take up the problems of tariffs, capitalization, organization, judicial control, state regulation of our railways, and a brief review of our maritime and inland waterway policies.

5.—RURAL ECONOMICS. *Two hours credit.*

Summer Term.

The growing demand for applied subjects calls for courses where the content is emphasized. The field of economics is too broad to be covered thoroughly in one course; and since Kansas is an agricultural state and most Kansas students are familiar with farm conditions, rural economics form one of the best lines of approach to the subject. In this course the theories of economics most prominent in agriculture are emphasized. Also, the illustrative material used is drawn mainly from farm sources. It is intended to make the course as distinctly practical as possible. No prerequisite.

6.—INDUSTRIAL ORGANIZATION. *Two hours credit.*

Summer Term.

American business supremacy is largely the result of efficient organization. In this course the various forms of business organization are analyzed, the history and principles of capitalistic production are developed, and various phases and problems of the industrial world of to-day are studied. Trust control, trust finance, state regulation, and other industrial problems of the day receive special attention. General Economics is a prerequisite.

SOCIOLOGY.

1.—GENERAL SOCIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

The first half of the semester outlines the general field of sociological theory, literature and thought, with a textbook, assigned readings, papers and discussions. The second half of the semester will be used in investigating a variety of topics dealing with dependents, defectives and delinquents, sociological legislation and reform, rural and urban life. Lectures, assigned readings, reports and term papers. Elementary Psychology is a prerequisite.

2.—SOCIOLOGICAL PROBLEMS. *Two or four hours credit.*

On sufficient demand.

General Sociology is a prerequisite. The nature of the work will vary from term to term, part of it being in advanced theory and part in detailed topical investigation.

3.—EDUCATIONAL SOCIOLOGY AND COMMUNITY BETTERMENT.

Three hours credit.

Summer Term, and each Semester.

Elementary Psychology is a prerequisite. The most remarkable developments in the educational field in the past few years have been along social lines. The individualistic point of view is giving way to the social, and the school is becoming more and more a part of community life. The affiliation of the school with the home and the church, with industry and the government, must be made more complete and perfect. To emphasize this broader point of view, and to trace fully the relations of the school to the other educational institutions of life, is the purpose of educational sociology. The first half of the course deals with the general sociology of education, and the last half with the various agencies of social and community betterment with which the teacher is particularly concerned.

Political Science.1.—KANSAS AND UNITED STATES CIVICS. *Two hours credit.*

A course intended for rural school teachers and for those who have not had civics in the high school. Stress will be placed on township, city, county and state government rather than that of the United States. The course will include a short study of the civic relations of man to man, such as those of health, property, contract, crime, marriage, and the rights of infants.

2.—CONSTITUTIONAL LAW. *Three hours credit.*

This course provides an opportunity for a careful study of the constitution; of the changes through amendment, through custom and through judicial decisions. The analysis of supreme court decisions forms an important part of the course.

3.—INTERNATIONAL LAW AND AMERICAN DIPLOMACY. *Three hours credit.*

Summer Term, and First Semester.

The course deals with the origin and development of the law of nations, relations with each other, and a study of American diplomacy since 1776. (Whitney.)

4.—COMPARATIVE STUDY OF GOVERNMENTS. *Three hours credit.*

First Semester.

Governments, parties and practices of England, Germany, France, Austria-Hungary and Switzerland are studied and compared with each other and with the United States. Geography, races, religion and personalities will naturally play a part. (Williams.)

5.—HISTORY OF LEADING UNITED STATES TREATIES.

Two hours credit.

An effort is made to trace the effects of the treaty-making power on American history through a study of the treaties of peace, of the treaties of annexation, of the leading treaties providing for the settlement of some definite international dispute, and of the general arbitration treaties. The historical setting of each treaty studied, the men appointed to draft it and the problems which they had to solve, and the effect of the solution will be the method of development.

Latin.

Professor HOLTZ, Mr. BLACK.

EQUIPMENT.

The department is supplied with maps of the Roman World, Ancient Italy, Gaul, Rome and its environment, the city of Rome and the Roman Forum; also with wall pictures and statuary of classical subjects. The library contains a large and well-selected supply of reference books that will compare favorably with similar collections in the leading colleges and universities of the Middle West. Bound sets of the leading classical journals, as well as the current numbers, are always accessible to students. The department owns lantern slides illustrating Cæsar's campaigns, the Saalberg camp, the Story of the *Æneid* and Roman Antiquities. Students also have the advantage of several hundred post cards and small photographs suitable for use in the reflectoscope.

MAJOR AND MINOR.

A major in Latin consists of twenty-five hours above the three years of entrance requirement. A minor of fifteen hours may be selected from any department agreed upon by the student and his adviser. A general foreign language major consists of fifteen hours of college Latin (above the three years entrance requirement), and the same number of hours of college grade in one modern language.

ENTRANCE.

Students entering with the required units of high-school credit, or Normal Secondary credit, may take any course for which they are prepared, and receive college credit when they satisfy the department that the character of their work is of college grade. Students with no Latin credit will take Elementary Latin; those with one unit credit will take Cæsar; those with two units, Cicero's Orations; with three units, Virgil's *Æneid*; with four units, Livy or Cicero's Essays. Students who have not had the equivalent of one hour per week in Latin composition for second and third years' work in the high school will be conditioned in composition, pending an examination, or allowed to make up the requirement in the Normal Secondary classes.

A minimum credit for a year of elementary Latin will count towards graduation. All other courses will be recorded as per catalogue hours.

CHOICE OF OTHER SUBJECTS.

Of the 345 teachers of high-school Latin in Kansas, a large number teach other subjects in addition to Latin. The following combinations are most commonly found: Latin and History; Latin and German; Latin and English; Latin and Mathematics; Latin and Physical or Biological Sciences. Others called for are Latin and Normal Training; Latin and Music, Commerce, or Physiology.

1.—ELEMENTARY LATIN I AND II. *Ten hours credit.*

Summer Term, and throughout the year.

This course aims to secure a mastery of the elements of Latin form, declension, conjugation, and syntax, together with the acquisition of an adequate vocabulary for the reading of short continuous passages. Especial attention is given to the subjunctive in the second semester. The state text will be used as a basis.

2.—CÆSAR I. *Five hours credit.*

Summer Term, and each Semester.

Introductory to extended translation. Books I and II. Daily drill in syntax and composition with stress upon case usage. Work prepared with the aim of subsequently teaching the subject. Study of campaigns. Walker's Cæsar, Bennett's Latin Grammar, Bennett's New Composition.

3.—CÆSAR II. *Five hours credit.*

Summer Term, and each Semester.

Books III and IV, sight drills in translation and composition, in addition to the requirement of course 2. Study of subjunctive, campaigns, English derivatives, reports and summaries of books V-VII. Intended only for mature students.

4.—CICERO I. *Five hours credit.*

Summer Term, and each Semester.

The four orations against Cataline. Daily translation and composition, syntax stresses case and mode usage peculiar to Cicero. Memory passages. Outline of each oration. D'Ooge's or Johnston's Cicero, Bennett's Latin Grammar, Bennett's and D'Ooge's Composition.

5.—CICERO II. *Five hours credit.*

Each Semester.

Careful reading of the Manilian Law, Marcellus and Archias. Prose dictated daily in addition to the regular one hour per week. Incidental study of Roman political institutions based on Abbot outlines and reports. Exercises in translation on sight and hearing.

6.—VIRGIL I, ÆNEID, BOOKS I-III. *Five hours credit.*

Summer Term, and First Semester.

Daily translation. Designed to secure an appreciation of Virgil's style and delineation of character. Daily practice in metrical reading. One paper of a research nature will be required. Open to students offering three units, or to strong, mature students offering two units of high-school Latin. Bennett's or Knapp's Virgil, Guerber's Myths of Greece and Rome.

7.—VIRGIL II, ÆNEID, BOOKS IV-VI. *Five hours credit.*

Second Semester.

Prerequisite, course 6. Daily translation, metrical reading, and study of supplementary mythology. The author's place in literature. Papers and reports.

8.—CICERO, DE SENECTUTE, AND SELECTIONS FROM DE AMICITIA.

Three hours credit.

First Semester. De Senectute, two hours credit, will be given in the Summer Term.

Careful translation, with close drill in Latin grammar and composition based upon the text. Prerequisite, courses 6 and 7. Required of all who expect to teach Latin; recommended to all who continue the study of Latin beyond Virgil. It is suggested that the course in advanced composition be taken at the same time.

- 9.—LIVY, BOOK XXI, SELECTIONS FROM BOOK XXII. *Four hours credit.*
(Not offered in 1914-'15.)

It is suggested that either the course in advanced composition or teachers' review of grammar accompany the course in Livy.

- 10.—HORACE: SELECTED ODES AND CARMEN SÆCULARE.

Three hours credit.

Second Semester.

Translation, analysis, study of Horatian meters. Special topics for reports and papers. It is recommended that the course in Roman private life or the grammar review course be carried in connection with Horace. Required of all who complete a major in the department. Must be preceded by Virgil.

- 11.—TACITUS: GERMANIA AND AGRICOLA. *Three hours credit.*

(Not offered in 1914-'15.)

Introductory to the language and style of Tacitus. In connection with the translation, matters of historical importance and literary merit are brought out.

- 12.—LATIN COMEDY: CAPTIVI, AND SELECTIONS FROM THE PHORMIO.

Three hours credit.

Summer Term.

Should be preceded by courses 8 or 9, and 10. Attention given to vocabulary, anticlassical forms and constructions, scansion, and idiomatic English in translation.

- 13.—REVIEW COURSE IN LATIN GRAMMAR. *Two hours credit.*

Summer Term, and Second Semester.

Open to all students with credit in three years of Latin. Designed especially as a review for high-school teachers. Syntax of dependent clauses, with especial stress upon the subjunctive. Classification of case and mode usages in Cæsar and Cicero. Prose composition. Required of all completing a major in Latin.

- 14.—ROMAN PRIVATE LIFE. *Two hours credit.*

Second Semester.

Study of the life, social customs, dress, travel, and kindred topics from the remains of ancient art and archeology, and in particular from the ruins of Rome and Pompeii. Lectures, library research and reports. Use of pictures, lantern slides and models. Designed to supply supplementary knowledge for high-school Latin teaching.

- 15.—TEACHERS' COURSE IN COMPOSITION. *Two hours credit.*

First Semester.

Nutting's Advanced Composition or its equivalent. Intended to accompany courses 8 and 9, or 11. Required of all who expect to teach Latin.

- 16.—TEACHERS' COURSE IN METHODS. *Two hours credit.*

Summer Term. (Not offered in 1914.)

Open to all who expect to teach Latin. Course deals with the problems of first and second year, or of third and fourth year, as the class may elect.

- 17.—ADVANCED CÆSAR. *Three hours credit.*

Second Semester.

Rapid reading from books V-VII. A critical study of the Gallic campaigns. Intended as a teachers' review and practice course. Courses in Virgil, Cicero's Essays, Horace, and Advanced Composition should precede.

Library Science.

Miss BUCK.

These courses are open to accredited high-school graduates, and may be completed in one year (September-June) if the student so chooses.

The student who takes only library science work is classed as *irregular* and is held to the payment of *irregular* fees indicated under the head of "Fees" on an earlier page of this catalogue, in addition to other fees. Students preparing for positions as librarians should be able to use a typewriter. A fee of \$4 per semester for the use of a machine is collected from students taking the course in typewriting.

METHOD OF INSTRUCTION:

There are few textbooks on library subjects, and instruction is largely in the form of lectures and assigned readings, followed by practice work under supervision, with discussion of both theory and practice.

1.—LIBRARY METHODS. *One hour credit.*

Summer Term, and each Semester.

Introduction to arrangement of books in Kellogg Library; use of catalogue and indexes; helps in selection of books for school libraries; guides to choice of books for school libraries; guides to choice of books for individual reading; school and public library interrelations. Includes lessons in library training for use in the grades. Required.

2.—REFERENCE. *Three hours credit.*

First Semester.

Promotes familiarity with well-known reference books, with use of indexes to periodicals and general literature, with general and special cyclopedias, dictionaries, annuals, and ready-reference manuals, by systematic search for material with which to answer typical reference questions. Quite an advantage to the student who elects it early in his course of study.

3.—BIBLIOGRAPHY. *Three hours credit.*

Second Semester.

Supplements the study of reference books and children's literature, bringing to the student knowledge concerning the existence of books in certain selected fields; of what they may do for him, both as helps toward general culture and as tools in grammar grades and high-school work.

4.—PUBLIC DOCUMENTS. *Two hours credit.*

First Semester.

Intended to familiarize the student with the organization and publications of various government departments; methods employed in printing, binding, indexing and distributing; history of government publications; selection of material for school libraries, with value for reference work and supplementary reading as a basis.

5.—CHILDREN'S LITERATURE. *Three hours credit.*

Summer Term, and First Semester.

Consideration of methods of interesting children of grades 1 to 8 in good literature; principles of book selection; study of types of the best modern children's books; establishment of wider knowledge of children's books by actual examination and reading. Satisfies requirement for Kindergarten Life Diploma, and Special Proficiency for Primary Teaching. Better taken in Sophomore than in Freshman year. For best results, General Methods and Observation, Primary Methods and Child Psychology should precede.

6.—STORY TELLING. *Three hours credit.*

Summer Term, and Second Semester.

Aims to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades, including high school. Better following than preceding Children's Literature. Required for Kindergarten Life Diploma and Certificates of Special Proficiency for Primary Teaching.

7.—BOOK MAKING. *Two hours credit.*

Second Semester.

Earliest records; history of writing and famous manuscripts; paper making; origin and development of printing; early printer-publishers; noted modern presses; book illustration; bookbinding from the historic point of view; growth of the book trade.

8.—LIBRARY HISTORY. *Two hours credit.*

First Semester.

A study of the foundation and development of leading ancient, mediæval and modern libraries, with special attention to the library movement in the United States, including library commissions, traveling libraries, and relation of public libraries and public schools.

9.—LIBRARY ECONOMY. *Two hours credit.*

First Semester.

Instruction follows regular library routine—selection of books, order, accession, shelf-listing, preparation for the shelves, binding and repair.

10.—CLASSIFICATION OF BOOKS. *Three hours credit.*

First Semester.

The decimal classification is taught, books being classified by each student, the work revised and discussed in class. The expansive and other systems are described. For book numbers, use of the Cutter alphabetic-order table is taught. Should precede Cataloguing.

11.—CATALOGUING. *Four hours credit.*

Second Semester.

Instruction confined to dictionary cataloguing, special emphasis being laid upon underlying principles. Simplified library school rules, Cutter's rules for a dictionary catalogue, A. L. A. rules, and A. L. A. list of subject headings, are used as basis for instruction. Simple cataloguing for public documents is included.

12.—ORGANIZATION AND ADMINISTRATION. *Two hours credit.*

Second Semester.

Principles applicable to school libraries and to small public libraries. Prerequisites, Public Documents, Library History, Library Economy, Classification of Books, and Cataloguing.

Mathematics.

Associate Professor ELLIS, Mr. KELLER, Mr. WAGNER.

1.—ADVANCED ALGEBRA AND ITS APPLICATIONS. *Four hours credit.*

Summer Term, and each Semester.

The fundamentals of algebra and the reasons underlying the fundamental operations with positive and negative numbers. A review of factoring. Exponent theory, surds and imaginaries. Theory of quadratic equations in one and in two variables, and applications. Graphs. Ratio, proportion and variation. Series, limits, logarithms. Applications of algebra to physics, mechanics, mensuration, and numerous vocations. (Ellis, Keller, Wagner.)

2.—SOLID GEOMETRY. *Three hours credit.*

Second Semester. (Wagner.)

3.—TRIGONOMETRY. *Three hours credit.*

Summer Term, and each Semester.

Plane trigonometry and the right spherical triangle. Prerequisite, Advanced Algebra and its Applications. (Ellis.)

4.—SURVEYING. *Two hours credit.*

Summer Term, and each Semester.

Prerequisites, Advanced Algebra and its Applications, and Trigonometry. This course is designed to supplement the course in trigonometry by showing its most common applications. The student will do field work with the transit, Y-level, etc., sufficient to become familiar with the ordinary work of the surveyor. (Ellis.)

5.—COLLEGE ALGEBRA. *Five hours credit.*

Summer Term, and each Semester.

Prerequisite, Advanced Algebra and its Applications. Permutations and combinations. Mathematical induction, and theorem of undetermined coefficients. Partial fractions. Series, determinants, theory of equations, including the usual transformations leading to the solution by Horner's method of numerical equations and Cardan's solution of the cubic equation. (Wagner.)

6.—ANALYTICS. *Four hours credit.*

First Semester.

Plane analytics only. Prerequisite, Trigonometry. The usual work with conic sections and the general quadratic equation in two variables, with some discussion of higher plane curves. (Ellis.)

7.—CALCULUS. *Seven hours credit.*

November-June.

Prerequisites, Analytics and College Algebra. Differential and integral calculus. The usual practice in differentiation and integration formulas, and special emphasis upon the application to rates, areas, volumes, etc. (Keller.)

8.—ASTRONOMY. *Two hours credit.*

First Semester.

The text used for the course is Young's Elements of Astronomy, and the usual work in descriptive astronomy is given. (Ellis.)

9.—ADVANCED ARITHMETIC. *Four hours credit.*

Summer Term, and each Semester.

A course in arithmetic for students who have not taken the course in advanced arithmetic in their secondary school work. This course constitutes the requirement for the Three-year State Certificate.

10.—HISTORY OF MATHEMATICS. *Two hours credit.*

Summer Term, and second half Second Semester.
Prerequisites, College Algebra and Trigonometry.

11.—ARITHMETIC TEACHING. *Two hours credit.*

Summer Term, and second half each Semester.

Prerequisites, Advanced Algebra and its Applications, or Arithmetic, or Advanced Arithmetic in the Secondary School. A study of our fundamental notions of number. An organization by years of the number material to be taught. The methods of adapting and presenting this subject matter to children. Observation of lessons given by the critic teachers of the training school and discussion of these lessons. (Ellis.)

12.—ALGEBRA TEACHING AND GEOMETRY TEACHING. *Four hours credit.*

Second Semester.

Prerequisite, Trigonometry. These courses discuss the questions of the organization of the subject matter of algebra and geometry, the aims in teaching them, their applications, and the classroom management for each. (Ellis, Wagner.)

Modern Languages.

Professor DUDLEY.

The equipment of the Department of Modern Languages consists of 450 department books in the library, including a fairly complete list of reference books, one philological and two literary periodicals; maps of Germany and France; a special map for Schiller's Wilhelm Tell; a set of Holzel and Holz pictures for use in the Secondary School and in methods; a spectroscope and several hundred post cards of various parts of Germany and illustrating various phases of German life; an increasing collection of framed prints and photographs, including large photographs of some German statesmen and writers. Kurschner's *Das ist des Deutschen Vaterland*; Konnecke's *Bilderatlas zur Geschichte der deutschen Nationalliteratur*.

MAJOR.

Twenty-five hours of college German, in addition to an admission requirement of one unit of high-school German. Courses 6 or 7, 13 and 14 are required of students majoring in the department.

A minimum of five hours work must be done in the department before credit will be given toward graduation.

Students choosing a general language major may elect, in addition to the entrance requirement in language, a minimum of 15 hours of college German with 15 hours of college Latin or French.

In addition to the major a minor of fifteen hours may be chosen from any other department of the school. The minor will serve the purpose of furnishing the student with a second subject which he will be prepared to teach. Students already teaching have combined German with Latin, with Mathematics, with English, with Music, with Science, etc.

GERMAN.

1.—ELEMENTARY GERMAN I. *Five hours credit.*

Summer Term, and each Semester.

Vos' Essentials of German to Pronouns. Walter-Krause's First German Reader, thirty pages. The correct pronunciation is carefully studied by the application of the principles of phonetics, the rules of grammar are emphasized by simple original work in composition, and practice in memorizing, reproduction, and writing from dictation is given throughout the semester. As much of the work as possible is done in German. No prerequisite.

2.—ELEMENTARY GERMAN II. *Five hours credit.*

Summer Term, and each Semester.

Vos' Essentials of German is finished, also Walter-Krause's First German Reader. Gerstacker's Germelshausen, or some other story or play of like difficulty. The work is continued as in Elementary German I. Prerequisite, Elementary German I, or one unit of high-school German.

3.—INTERMEDIATE READING COURSE. *Four hours credit.*

Summer Term, and each Semester.

Schiller's Wilhelm Tell, or die Jungfrau von Orleans, and selected ballads. The texts are read and the form and content discussed. Selections are memorized. Thomas' Life and Work of Schiller is read outside of class and a paper on the life of Schiller is a part of the work of the course. The work is done partly in German. Prerequisite, German II or two years of high-school German.

4.—NINETEENTH CENTURY PROSE. *Four hours credit.*

Summer Term, and each Semester.

Several short works are read selected from Eichendorff, Keller, Meyer, Rosegger, Sudermann, or Fontane. One day in the week is given to prose composition based upon the texts read. The work is done partly in German. Prerequisite, German III, or its equivalent.

5.—GOETHE, OR LESSING. *Three hours credit.*

Second Semester.

The course consists of an intensive study of one of the above-mentioned authors by reading two or more of his works, in connection with his biography, and such a survey of the German literature of the period as is necessary to an understanding of the value of his work.

6.—ADVANCED GERMAN COURSE. *Two hours credit.*

First Semester.

Thomas' Practical Grammar and supplementary work for a better knowledge of grammar. Prerequisite, German 3, or the equivalent.

7.—ADVANCED COMPOSITION. *Two hours credit.*

First Semester.

The course is taken with course 5. It includes Von Jagemann's Prose Composition, and original work based on dictation. Prerequisite, German 3, or the equivalent.

8.—SCIENTIFIC PROSE. *Four hours credit.*

On sufficient demand.

The reading of a scientific reader with the grammar principles necessary to a reading knowledge of the German.

9.—NINETEENTH CENTURY DRAMATISTS. *Three hours credit.*

First Semester.

Prerequisite, German 5 or 6, and 7. Selected works from Kleist, Grillparzer, Hebbel, Hauptmann and Sudermann. On sufficient demand.

10.—GERMAN LITERATURE I. *Two hours credit.*

On sufficient demand.

Prerequisite, German 5 or 9. The history of German literature from the earliest times to the Reformation, based on Francke, Scherer, or Robertson. Selected readings and reports by members of the class.

11.—GERMAN LITERATURE II. *Two hours credit.*

On sufficient demand.

From the Reformation to the end of the nineteenth century.
Prerequisite, German 10.

12.—DRAMATIC READING. *One hour credit.*

Second Semester.

The committing of the parts of a drama, with special attention to pronunciation and expression.

13.—PHONETICS. *Two hours credit.*

Summer Term.

A study of the organs of speech and the formation of German speech sounds; practice in writing phonetic script, and in reading German with correct pronunciation and sentence stress. Open to students by consent of the instructor.

14.—TEACHER'S COURSE. *Two hours credit.*

Summer Term, and Second Semester.

A study of methods of teaching the German, organization of courses, lectures, discussions, reports, and observation. Open to students by permission of the instructor.

FRENCH.

The courses offered in French are designed to give a reading knowledge of the language and such a view of the French literature as is possible in so short a course, together with a correct pronunciation and a small amount of practice in writing and speaking the French.

The French may be elected by students who have studied no other foreign language.

The equipment for the study of French has been included in the description of the equipment of the department at the head of the German.

1.—ELEMENTARY FRENCH I. *Five hours credit.*

Summer Term, and First Semester.

Colin and Serafon's Practical Lessons in French Grammar, twenty-two lessons. Fifty pages of some reader suited to the work of the first semester. This course comprises careful drill in pronunciation, mastery of rudiments of grammar, abundant easy exercises in composition, constant practice in dictation, memorizing, sight reading, and the use of the spoken idiom. No prerequisite in French.

2.—ELEMENTARY FRENCH II. *Five hours credit.*

Second Semester.

Colin and Serafon's Grammar is completed; also the reader, and stories and plays such as Bedolliere's *La Mere Michel et Son Chat*, Labiche-Martin's *Le Voyage de Monsieur Perrichon*, Halevy's *L'Abbe Constantin* are read. Work in writing and speaking is continued as in French I. Prerequisite, Elementary French I.

3.—MODERN FRENCH. *Four hours credit.*

On sufficient demand.

The course consists of reading works of Augier, Daudet, Balzac, Maupassant and George Sand, and Grandgent's *Prose Composition*. Prerequisite, French I and II, or its equivalent.

4.—SEVENTEENTH CENTURY DRAMATISTS. *Three hours credit.*

On sufficient demand.

Moliere's *L'Avare* and *Tartuffe*; Racine's *Athalie*, Corneille's *Le Cid*. An outline history of French literature. Prerequisite, Modern French.

Music.

FRANK A. BEACH, Director Department of Music, Professor of Voice, Theory and Public School Music.

RENA BECK, Piano.

MILDRED BOOMHOWER, High School Music.

EVALINE M. HARTLEY, Voice Training.

MISS FLORENCE HOBART, Voice.

CARL LINDEGREW, Voice.

BERENICE RICE, Piano and Theory of Music.

CATHERINE STROUSE, Supervisor in Training School. Methods.

E. ANNA STONE, Piano.

JO SHIPLEY WATSON, Piano.

WM. H. WESTENBERG, Stringed Instruments, Band, and Orchestra.

With the present season the Department of Music enters upon its thirteenth year as a department of the Normal School. During that time the different courses have developed in scope and variety to meet the increasing and growing demand for music instruction. The department now occupies a building of its own, with well-equipped studios, classrooms, piano and practice rooms. The library contains a choice collection of books for reference, and vocal and instrumental scores. These increased facilities have made it possible to offer superior advantages in individual and class instruction in public school music, in the theory and history of music, music appreciation, musical analysis, piano, voice culture and stringed instruments.

It is the plan of the work to give the student who wishes to complete a course in the above-named branches an opportunity to receive a general academic equipment, specific training in music, proficiency in public performance, and a thorough preparation for the profession of teaching. It is also intended that those students who can spend only a part of their time in the study of music may take up special work, suited to their needs and attainments, thereby increasing their efficiency as teachers in the public schools. The special courses include elementary and advanced instruction in piano and voice, sight reading, accompanying, and selections suitable for kindergarten, primary and general school exercises; also short and practical courses in the history and appreciation of music, harmony and musical analysis suitable for grade and high-school instruction.

The work of the year is interspersed with public recitals and concerts given by pupils and members of the teaching-staff. A number of organizations are also maintained by the department. The orchestra, band, and small organizations are free to students who can derive benefit therefrom. The Choral Union—the all-school chorus—affords opportunity for study of the oratorios and large secular compositions. (See Public School Music, course 12.)

CERTIFICATES AND DIPLOMAS.

Teacher's Certificate in Public School Music.

High-school graduates who complete thirty-two hours of work in the Department of Music, twenty hours of which shall be sight singing, ear training, methods and related subjects, will be granted a certificate stating their ability to teach music in the schools. This certificate will be of service in those cities where no state certificate is required for the teaching of music.

Supervisor's Certificate in Public School Music.

Students who have met the requirements for the Three-year State Certificate will be granted the Public School Music Certificate if they have completed twenty-eight hours of sight singing, methods, chorus drill, voice, practice teaching, appreciation, conducting, and ensemble.

Music Supervisor's Diploma.

Holders of the Supervisor's Public School Music Certificate will be granted a Supervisor's Diploma upon the completion of an additional year of work, which shall comprise five hours of psychology and English, eight hours of instrumental and vocal instruction, fifteen hours of class work, including ear training and harmony, history of music and melody.

Several musical organizations are fostered by the department. These are open to all students able to derive advantage therefrom. The Choral Union is the all-school chorus for which credit is allowed. (See course 12.)

Several of the following courses, which are both cultural and practical, are offered, to prepare the prospective teacher and principal to mold the taste of his school and community along musical lines.

The issuance of credit in certain courses depends largely upon the relative gain in proficiency, account being taken of the varying degrees of natural ability and previous training.

Credit is allowed for all work satisfactorily completed in class recitation as stated after each course; students enrolled in individual instruction—piano, voice, or violin—will be granted credit applicable as an elective for any certificate or for the degree course upon the basis of two hours for biweekly lessons for a semester.

Due credit will be allowed upon examination for satisfactory work done in accredited institutions.

PUBLIC SCHOOL MUSIC.

A comprehensive and practical course for teachers and supervisors of music has been in operation for five years. A considerable number of graduates are successfully teaching in Kansas and adjoining states.

In addition to the academic work deemed essential for a proper general equipment, there is offered specific training in sight singing, ensemble practice, elementary harmony and ear training; courses in the appreciation of music, both for the development of the individual and for teaching purposes; definite experience in the planning of outlines for the various grades, as a part of the course in public school music methods; instruction in individual voice production and singing, as well as in the care and development of children's voices; experience in chorus conducting, and practice teaching of classes of children in the model training school under the criticism of a supervisor of wide preparation and experience.

The teachers engaged in this work number five, and have been specially prepared in this country and in Europe. The close correlation between the methods courses and practice teaching in the Normal Secondary School and in the Training School affords unusual opportunity for the acquisition of theory and its application in the various subjects related to the teaching of music in the public schools.

1.—ELEMENTARY SIGHT SINGING. *Two hours credit.*

Each Semester.

Deals with the elements of music, rote singing, the facts of time and tune with their staff representation, leading to the reading of one-part music. Students who have had some sight reading may enter Music 1a. Students electing music for the Certificate of Special Proficiency in Intermediate and Grammar Grade Teaching should take this course.

A student electing music for any certificate or for the degree should select Elementary Sight Singing as the *first* two hours credit.

1a.—RAPID ONE-PART SINGING. *Two hours credit.*

Each Semester.

Open to students who have had course 1, or music prior to college entrance.

2.—INTERMEDIATE SIGHT SINGING. *Two hours credit.*

Second Semester.

This course is designed to succeed 1 or 1a.

3.—ADVANCED SIGHT SINGING. *Two hours credit.*

Second Semester.

Sight reading in three and four parts. Writing and recognition of intervals and chords. Open to students who have had four hours college work in sight singing and to others specially qualified.

4.—KINDERGARTEN AND PRIMARY MUSIC METHODS. *Two hours credit.*

Summer Term, and second half each Semester.

Required for Kindergarten Life Diploma. Students electing music for the Certificate of Special Proficiency in Primary Teaching should take this course together with Public School Music I, or 1a, or 2.

5.—PUBLIC SCHOOL MUSIC METHODS. *Two hours credit.*

Summer Term, and first half each Semester.

Prerequisite, course 2, or equivalent. An outline of the work of the various grades, choice and use of material, voices and interpretation. Students electing music for the Certificate of Special Proficiency in Intermediate and Grammar Grade Teaching should take this course.

6.—SYSTEMS. *One hour credit.*

A comparative study of the several systems of public school music and their application. Open to students who are specializing in the department. Prerequisite, courses 1, 2, and 5.

7.—EAR TRAINING. *Two hours credit.*

Singing and recognition of triads, seventh chords, and modulation. Prerequisite, six hours sight singing.

8.—INDIVIDUAL PRACTICE TEACHING. *One hour credit.*

Dealing with monotones and deficient pupils under supervision.

9.—RURAL SCHOOL TEACHERS' COURSE. *Three hours credit.*

Summer Term.

This course deals with the subject matter and methods of public school music for ungraded and small schools in third-class cities. Drill in rhythm, intervals and individual singing are included. Students electing music for Certificate of Special Proficiency in Rural School Teaching should take this course.

10.—LIBRARY READING. *One hour credit.*

11.—CHORUS CONDUCTING. *One hour credit.*

This includes the problems of classifying voices, effective arrangement of parts, selection of material, correct use of baton, and the securing of variation in tempo and dynamics.

12.—CHORUS SINGING I. *Two hours credit.*

Throughout the year, at 7 P. M.

For the study of cantatas and oratorios. Open to all students in high school and college. Two hours credit for two semesters' rehearsals or the equivalent.

13.—CHORUS SINGING II. *Two hours credit.*

Throughout the year, at 7 P. M.

14.—ADVANCED ENSEMBLE PRACTICE. *Two hours credit.*

First Semester.

A study of the various vocal forms, including chant, anthem, cantata, oratorio, and opera. Open to advanced students or especially qualified under-classmen.

15.—APPRECIATION OF MUSIC I. *One hour credit.*

Summer Term, and first half each Semester.

Designed for beginners. No prerequisite.

The purpose of the course is to acquaint students with standard vocal and instrumental compositions, and to enable them to listen discriminately. For study and illustration there are employed records for the Victor and Columbia.

16.—APPRECIATION OF MUSIC II. *One hour credit.*

Summer Term, and second half each Semester.

Prerequisite, Appreciation I. A study of musical composition through the analysis of characteristic vocal and instrumental forms. Typical operas of Verdi and Gounod and some well-known sonatas and symphonies of Beethoven and his predecessors. In order to make possible a closer acquaintance with the compositions studied, as well as a familiarity with the phonograph and piano player, students are assigned practice periods. As a protection against damage to records a small laboratory fee may be required.

17.—A CAPELLA ENSEMBLE I. *One hour credit.*

Unaccompanied chorus work in girls' and men's choruses. Prerequisite credit, four hours of sight reading.

18.—A CAPELLA ENSEMBLE II. *One hour credit.*

A continuation of course 17, and leads to the presentation of simple operettas and cantatas, suitable for high-school students.

19.—SIGHT SINGING FOR SUPERVISORS. *Two hours credit.*

Drill in advanced and rapid sight reading.

THEORY, HISTORY AND ANALYSIS OF MUSIC.

21.—HARMONY I. *Three hours credit.*

Each Semester.

The fundamental principles of the theory of music are embodied in the study of harmony, which treats of the different chords in their natural relations and combinations. The subdivisions of the subject are as follows: intervals; triads, seventh and ninth chords with their inversions; cadences, modulation; ear training; harmonizing melodies.

22.—HARMONY II. *Two hours credit.*

Second Semester.

Chromatically altered chords; augmented chords; suspensions; passing and changing notes; modulation; organ-point; analysis; ear training; original work in harmonizing melodies.

23.—HARMONY III. *One hour credit.*

Upon sufficient demand.

A short analytical course in the fundamental principles of harmony, including scales, intervals, triads and seventh chords. Designed especially for school teachers who desire a brief and practical working knowledge of harmony, with only a limited amount of written work. The application of the subject to the structure of school music will receive special attention.

24.—HISTORY OF MUSIC I. *Two hours credit.*

First Semester.

This is a literary course, which does not require special technical skill; it is open to all students who have practical knowledge of vocal or instrumental music. The work includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; and the polyphonic era.

25.—HISTORY OF MUSIC II. *Three hours credit.*

Second Semester.

Modern music and musicians; biographies and the works of the great composers of the classic, romantic and modern schools. The history of the opera, cantata, oratorio, symphony, and various other forms are studied in detail.

26.—HISTORY OF MUSIC III. *One hour credit.*

Upon sufficient demand.

A course in the history and appreciation of music, intended for grade and high-school instruction, covering in abbreviated form the elements of music appreciation, the essential facts of music history, and illustrated with records.

27.—MUSICAL ANALYSIS I. *One hour credit.*

First half First Semester.

The courses in musical analysis are for students who wish to understand and appreciate the works of the great composers. The work of this course consists of lectures and recitals on instrumental forms. The symphony, sonata, string quartet and the smaller forms are analyzed and explained. Representative types are played in the class.

28.—MUSICAL ANALYSIS II. *One hour credit.*

Second half First Semester.

A study of the construction of vocal forms, including the opera, oratorio, cantata and smaller forms. The work is supplemented with vocal illustrations.

29.—COUNTERPOINT I. *Three hours credit.*

First Semester.

Counterpoint applies the principles of harmony to the melodious treatment of the several voice parts in combination. The study of this subject naturally follows that of harmony and develops the contrapuntal facility necessary to all forms of composition. The work includes strict counterpoint; the various orders of modern counterpoint; contrapuntal treatment of *cantus firmus* in different voices; harmonization of chorals and melodies; simple forms of free composition.

30.—COUNTERPOINT II. *Two hours credit.*

Second Semester.

Counterpoint in five or more parts; vocal counterpoint analysis; exercises in free composition.

31.—NORMAL CLASS I. *One hour credit.*

Second Semester.

A special course for students preparing themselves as teachers. The work embraces lectures on methods and materials for teaching beginners; papers and discussion by students.

32.—NORMAL CLASS II.

A continuation of the preceding course dealing with methods and material for Intermediate students.

33.—ENSEMBLE PLAYING OR SINGING I. *One hour credit.*

Throughout the year.

Time to be assigned by the instructor.

Ensemble playing classes in piano and violin meet weekly for the study of concerted music. Four- and eight-hand music and chamber music for stringed instruments form the basis of the work. This practice enables the pupil to become acquainted with many master-pieces and receive training in sight reading and accompanying.

34.—ENSEMBLE PLAYING OR SINGING II. *One hour credit.*

Throughout the year.

Advanced ensemble playing; continuation of course 1.

Time to be assigned by the instructor.

PIANO.

PREPARATORY GRADE.

Designed for young pupils who have completed the beginning grade and for adults who have had only an elementary training in music. For the last-mentioned class, the work is shaped so as to include what may have been lacking in previous study.

Repertoire. For the completion of this grade students will be required to play from the following list of compositions or other pieces of equal difficulty four selections: Little Preludes, J. S. Bach; two Songs without Words, Mendelssohn; one sonata, Haydn; one sonata, Mozart; one sonatina, opus 49, No. 1 or 2, Beethoven; opus 15 or opus 124, Schumann; a prelude and nocturne by Chopin; Arabesque, Heller; The Butterfly, Merkel; Senenade, Sinding.

INTERMEDIATE GRADE.

Repertoire for the completion of this grade must include four of the following or selections of equal difficulty:

Two-part Invention by Bach; Little Fugues, Bach; opus 16, Mendelssohn; a number from Suites, Handel; Fantasia, opus 25, No. 3, Sinding; Polonaise, opus 40, Chopin; Le Coucou, Daquin.

CERTIFICATE GRADE.

Repertoire of a student completing this grade must comprise compositions similar to the following:

Three-part Inventions, Bach; French or English Suites, Bach; one selection, Scarlatti; Sonata, Beethoven; one selection, Tschaikowski; one selection, McDowell; Humoresque, Dvorak; Prelude in C Sharp Minor, Rachmaninoff; one Rondo or Impromptu, Chopin; Sonata, Schubert. From this list a candidate must play six numbers.

DIPLOMA GRADE.

Repertoire for the completion of this grade must include Well-tempered Clavichord, Bach; Sonata, op. 7, Grieg; one Sonata, Beethoven; Papillons, Schumann; Impromptu or Gondoliera, by Liszt; one selection, Brahms; one selection, Rubinstein; Sous Bois, Staub; Arabesque, Debussy; March Militaire, Tausig. From this list the candidate must play eight numbers.

INSTRUCTION IN PIANO FOR JUVENILES.

A special course of instruction in piano for children is offered by the Music Department. The plan of the course is to present the work in a simple, clear and interesting manner, and to train the pupils in the fundamental principles of piano playing. The Fæltan, Fletcher and Virgil methods will be used as a basis for the work.

Both private and class lessons are given; the private lessons are devoted to individual instruction; the class lessons include special training in sight reading, rhythm, technic, ear training, melody building, transposition, musical biography, elementary harmony and ensemble work.

BEGINNING GRADES.

This work is outlined particularly for high-school students who have had no training and desire to lay a foundation for the serious study of the piano.

VOICE.

Since each person's voice demands individual treatment, it is not possible to express in definite terms a method of singing. The following general statement will, however, be of interest to prospective students:

In the development of voices, particular stress is laid upon correct control of the breath; the acquisition of a perfectly blended scale; the elimination of the sensation of "going up" or "going down" to tones, the establishment of distinct enunciation and finished diction; the development of an artistic yet individual power of interpretation. The director or teachers of the department are ready at stated hours to test voices and suggest courses to meet individual needs. Contrary to the commonly accepted idea, not the few but the majority can cultivate the art of singing. The majority of public singers to-day are not highly gifted; rather are they persons of average ability whose training has been wisely directed.

An important phase of this individual work deals with the correction of certain vocal defects, and with the securing of quality and carrying power in the speaking voice through the employment of the high-chest, intercostal breathing of singers, proper voice placement and distinct enunciation.

PREPARATORY GRADE.

Fundamental principles of voice building; tone and vowel work; correct physical poise, with natural and easy methods of breathing; diction, sight reading and simple songs.

Advanced exercises for intensified respiration; exercises in major, minor and chromatic scales; etudes for modulation; sight reading and ear training; advanced solo work and choral singing.

INTERMEDIATE GRADE.

Studies for enunciation, rhythm and phrasing; acoustics and vocal physiology; sight reading and diction; selected etudes from Concone and Marchesi; songs from modern composers.

Exercises for attack, legato and staccato; interpretation; solfeggio and ensemble practice; etudes by Lamperti and Lankow; vocalises by Panofka and Shakespeare; ballads and lieder; songs from modern composers.

CERTIFICATE GRADE.

Vocalises in phrasing by Marchesi, opus 3; exercises by Panofka, opus 8; exercises for flexibility, shade and tone color; study in artistic interpretation; selections from the works of English, German and Italian writers; public performance.

DIPLOMA GRADE.

Advanced work in technical studies for phrasing; development of natural style and cultivation of dramatic expression; study of piano accompaniments; oratorio and operatic selections; practical work in musical pedagogy; public recital.

GRADUATE COURSE.

Repertoire of English, French, German and Italian songs; technical exercises and vocalises; recitations, arias and ensemble music from standard operas and oratorios; concert selections; public recital; from the works of modern and classic composers.

VIOLIN.

PREPARATORY GRADE.

Careful study in holding the violin, position of the body, placing of fingers in different keys; fundamental principles of bowing; elementary studies by Wichtl, Alard; violin duets by Mazas and Pleyel; Kayser studies, book 1; easy solos.

Scale studies in all keys, varied fingering and simple bowing; arpeggio forms in first and third positions; Kayser studies, book 2; Mazas Etudes speciales; studies by David; small classical solos with piano accompaniment.

INTERMEDIATE GRADE.

Studies in all positions; special studies in changing of positions; Kayser studies, book 3; sonatinas and small sonatas with piano; technical studies by Schradieck and Sevcik; duets by Viotti and Mazas; concertos by Viotti and Rhode; instructive excerpts from works of classic and modern composers. Scales in all positions, major and minor, in thirds and octaves; Kreutzer studies; advanced studies in double-stopping by Sevcik; Beriot Scene de Ballet, Wieniawski Mazurkas, Beethoven violin and piano sonatas.

CERTIFICATE GRADE.

Selected studies by Kreutzer; Schradieck technic studies, books 2 and 3; Rhode caprices; Bach, concerto for two violins; concertos, sonatas and the study of recognized solos for public performance.

DIPLOMA GRADE.

Spohr's Violinschule, Fiorillo exercises, advanced technical studies; Mendelssohn E minor concerto, Bruch concerto, Vieuxtemps Ballade and Polonaise, Beethoven Kreutzer sonata, Ensemble playing, public recitals.

GRADUATE COURSE.

Bach sonatas for violin alone. Beethoven violin concerto; Virtuoso studies by Gavinies; Wieniawski Faust-Fantasie, second concerto; Vieuxtemps fantasia appassionata; Saint-Saëns violin concerto; Brahms sonatas.

Organization and conducting of small symphony orchestra. A practical course for violin students and such others as may be able to derive benefit therefrom. One hour credit.

Intermediate students are afforded opportunity to practice ensemble playing and advanced pupils may have the privilege of orchestral practice without additional charge.

DEPARTMENT REGULATIONS.

All tuition is payable strictly in advance, at the beginning of each term. All work in this department is suspended on legal and school holidays as given in the calendar of this catalogue. Students may enter at any time. However, it is best to enroll at the beginning of a term. All lessons lost by absence or tardiness of the pupil will be the pupil's loss, unless reasonable previous notice of the expected absence is given, in which case the lesson will be made up within the term only. A record is kept of all completed work in technical and theoretical music. Students must complete a full term of lessons or class work in order to receive a grade for the work. Students leaving or discontinuing lessons during the term time forfeit all payment, except in case of protracted illness, in which case the balance will be allowed upon a subsequent term or half the loss will be borne by the department. All students who wish to take up work in this department must receive an assignment card from the director of music. This card must be stamped by the Bursar, presented to the instructor for signature and returned to the office of the director of the department.

RATES OF TUITION.

For a term of eighteen lessons the fees are:

PIANO AND PIPE ORGAN.

Juvenile course	\$9.00
Advanced juvenile	10.50
Beginning grade	10.50
Preparatory grade	13.50
Intermediate grade	15.00
Certificate grade	18.00
Diploma grade	18.00
Pipe organ	24.00

VOICE.

Preparatory grade	\$13.50
Intermediate grade	15.00
Advanced grades	18.00

VIOLIN.

Juvenile course	\$9.00
Preparatory grades	13.50
Intermediate grades	15.00
Advanced grades	18.00

MANDOLIN, GUITAR AND BAND INSTRUMENTS.

Band and orchestral instruments	\$13.50
Mandolin and guitar	10.00

THEORY AND HISTORY OF MUSIC.

In the courses in theory and history of music there are nine weeks in a term. The rates per term are:

Harmony, in class	\$5.00
History of music, in class	5.00
Counterpoint, in class	10.00
Fugue and instrumentation, in class, each	10.00
Private lessons in any of the above courses	15.00

For a half term of lessons, or one lesson per week, the rate is one-half the tuition for a term plus \$1.

RENT OF INSTRUMENTS.

One hour a day, for a term of nine weeks. Two or more hours at the same rate.

Pianos and practice claviars	\$1.80
Pipe organ	8.00

Lessons in piano, voice, and violin are theoretically half-hour periods; where necessary for the passing to and from classes the actual time may be twenty-five minutes.

A limited number of free and partial scholarships, it is expected, will be available for talented students who are unable to pay regular rates. These will be granted at the beginning of the year upon written application and examination.

The Public School Music classes are free to any student regularly enrolled.

General Pedagogy Group.

Professor TRIPLETT, Professor MONROE,
Professor CULTER, Professor HARRIS,
Miss ALDER.

PEDAGOGY SEMINAR. *One hour credit.*

Summer Term, and each Semester.

The class will meet for a double recitation period once in two weeks. A course in research for advanced students, conducted by all the instructors giving work in general pedagogy. Problems in educational and clinical psychology, school administration, city and rural, history and principles of education, are studied. To be taken only on consultation with the men in the department. This course is the outgrowth of what has been known as "The Psychology Club."

HISTORY AND PRINCIPLES OF EDUCATION.

1.—HISTORY OF MODERN EDUCATION. *Three hours credit.*

Second Semester.

Beginning with the work of Rousseau and Pestalozzi, the development of our schools, their curriculum and the methods of teaching, will be examined in some detail. Special emphasis will be placed upon educational progress in the United States, and the whole account will be brought down to date. Recent and present educational progress will be considered. (Monroe.)

2.—THE HISTORY OF ANCIENT EDUCATION. *Three hours credit.*

(Not offered 1914-'15.)

Open to students who have studied ancient history. This course aims to be of service to students intending to become secondary school teachers of Greek and Roman history or of Latin. Important phases of the life of the Greeks and Romans of the several periods are studied, in order to gain a clear conception of the evolution of the educational ideals and practices of these people and the influence of these ideals and practices upon Greek and Roman life. (Monroe.)

3.—PRINCIPLES OF EDUCATION. *Three hours credit.*

Summer Term, and First Semester.

Required in Junior year of all degree students.

This course is devoted to a consideration of the function of the school as an institution of society, the curriculum and the principles underlying the administering of the curriculum. (Monroe.)

KINDERGARTEN.

Miss ALDER.

The Kindergarten Department offers to four-year high-school graduates and those with equivalent training a two-year college course. Students are encouraged, however, to continue their work through the four years, that they may receive the degree of bachelor of arts (in education), and more thoroughly equip themselves as teachers. The department aims to give a thorough and practical training to those who desire to fit themselves to become kindergarten directors. It also offers helpful courses to students specializing in primary work. The department includes, besides the training class, a well-equipped kindergarten. Here the students are given ample opportunity for observation and practice in teaching. The Kindergarten Department, as an integral part of the larger whole, seeks to keep in close touch with the broadening educational field, and to bring its practices into accord with modern thought and methods.

Each year brings an increased demand for well-trained kindergarteners in Kansas, as each year sees new kindergartens added to our city school systems.

Students completing the following course of study will receive a Kindergarten Diploma and a Life Certificate permitting them to teach in the public schools of Kansas, including the kindergarten.

FRESHMAN YEAR.

FIRST SEMESTER.

General Program	No credit.
Kindergarten Technics ...	2 hours.
Plays and Games	2 hours.
Composition and Rhetoric,	3 hours.
General Methods, Observa-	
tion and School Admin-	
istration	5 hours.
Drawing	2 hours.
Library Methods	1 hour.
Physical Training	1 hour.

Total16 hours.

SECOND SEMESTER.

General Program	No credit.
Kindergarten Teaching ..	4 hours.
Hand work	3 hours.
Children's Literature ...	3 hours.
Psychology	3 hours.
Group Elective	2 hours.
Physical Training	1 hour.

Total16 hours.

SOPHOMORE YEAR.

General Program	No credit.
Kindergarten Theory	2 hours.
Child Psychology	2 hours.
Primary Methods	4 hours.
Primary Teaching	2 hours.
Nature Study	2 hours.
Story Telling	3 hours.
Physical Training	1 hour.

Total16 hours.

General Program	No credit.
Kindergarten Teaching ..	4 hours.
Kindergarten Program ..	2 hours.
Kindergarten and Primary	
Music Methods	2 hours.
School Hygiene	2 hours.
Group Electives	5 hours.
Physical Training	1 hour.

Total16 hours.

1.—PRACTICE TEACHING IN KINDERGARTEN I. *Four hours credit.*

Summer Term, and each Semester.

For first-year students. Students will spend 2½ hours daily observing and teaching in the kindergarten under close supervision. They will prepare lesson plans and attend conferences.

2.—PRACTICE TEACHING IN KINDERGARTEN II. *Four hours credit.*

Summer Term, and each Semester.

For second-year students. A continuation of course 1. Students will teach in the kindergarten 2½ hours daily under supervision of critic teacher, prepare written plans and attend conferences. Each student will be responsible for a group of children, and will be called upon to take charge of the kindergarten at stated times.

3.—KINDERGARTEN TECHNICS. *Two hours credit.*

First Semester.

For first-year students. A study of the activities of young children and their manifestations in play. An analysis of the common play materials of children as a basis of determining the principles governing the selection and use of materials in the kindergarten. The Froebelian gifts; the principles on which they were planned. Modern adaptations and modifications of these. Practice in manipulation of materials. A study of methods in the use of materials.

4.—HAND WORK FOR THE KINDERGARTEN AND PRIMARY GRADES.

Three hours credit.

Second Semester.

For first-year students. A study of the principles and methods which give educative value to hand work for young children. The aim will be to discuss and use practically materials in which may be found the beginnings of art and of industry, and also materials which meet the constructive instinct as it functions in the play life of the child.

5.—KINDERGARTEN THEORY. *Two hours credit.*

First Semester.

For second-year students. This course aims to give an insight into child nature and its needs as a basis for kindergarten procedure. The work will be carried on by means of observation of children in kindergarten and home, by the study of Froebel's "Mother Plays and Education of Man," and of other child-study literature. A comparison will be made between the kindergarten procedure as developed by Froebel and that of to-day, reconstructed in the light of modern genetic psychology and child study.

6.—PLAYS AND GAMES. *Two hours credit.*

Summer Term, and First Semester.

For first-year students and for primary teachers. A study of the different periods in a child's development, the instincts, impulses and natural play activities of each period. The significance of play as a factor in education; its relation to work. A study of different types of games. Selection and adaptation of games for kindergarten and primary use. The actual playing of games.

7.—KINDERGARTEN PROGRAM. *Two hours credit.*

Second Semester.

For second-year students. The study of kindergarten activities and materials leading to the organization of a kindergarten program. The principles controlling such an organization. Each student will be required to write in outline a year's plan of work for a kindergarten, and will also plan the equipment for a kindergarten.

8.—GENERAL PROGRAM. *No credit given.*

One hour each week throughout the kindergarten course.

Required of all kindergarten students. A study of the kindergarten program as it is carried out from week to week in the Normal School kindergarten, with a discussion of subject matter, materials and methods, and a study of individual children. Students will be assigned periods for observation in connection with this course.

METHODS AND ADMINISTRATION.

1.—GENERAL METHODS AND OBSERVATION. *Three hours credit.*

Summer Term, and each Semester.

This course is required for the Three-year State Certificate. It may be taken by those who have already satisfied the school administration requirement. In General Methods a study is made of the function of teaching, subject matter or the methods of control that the race and child have worked out, motive or the "motors" that generate and direct activity, development or the methods by which the child gets control of values, and the use of subject matter. Such specific subjects as the following receive careful consideration, viz.: questioning, induction, deduction, dramatization, etc. Before the work of observation is begun, students are required to make out lesson plans. These are criticized and discussed in class.

After the theory of the course is quite well in hand, the students are taken to the training school to observe theory put into practice. Here special lessons illustrating the methods studied are prepared and taught by critic teachers. Afterwards these lessons are discussed by the class and teacher. (Culter.)

2.—GENERAL METHODS, OBSERVATION, AND RURAL SCHOOL ADMINISTRATION. *Five hours credit.*

Each Semester.

This course meets the requirements in General Methods, Observation, and School Administration for the Life Certificate. The character of the work in General Methods and Observation has been given in the description of course 1; that of Rural School Administration in the description of course 2. (Culter.)

3.—GENERAL METHODS, OBSERVATION, AND GRADES SCHOOL ADMINISTRATION. *Five hours credit.*

Each Semester.

This course meets the requirement in General Methods, Observation, and School Administration for the Life Certificate. It should be taken by students who intend teaching in city schools. The character of the work done is indicated above. (Monroe.)

4.—RURAL SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

This course is intended for those who are interested in rural schools or intend to teach in consolidated or small village schools. It consists of a study of the school site and grounds, modern school-houses, school hygiene and sanitation, training of teachers, play and playgrounds, the library and its uses, agriculture, consolidation, standardization of rural schools, etc. Emphasis will be placed on conditions as they exist in the country, and how to bring about a closer union of school and home. (Culter.)

5.—GRADES SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

Open to students who have had General Methods and Observation. This course is designed primarily for students preparing to teach in the elementary grades of city schools. The following topics are emphasized: the qualifications of the teacher, grading and promotion, classroom technique, discipline, study and preparation, school incentives, the school and the community. (Monroe.)

6.—ADVANCED SCHOOL ADMINISTRATION. *Three hours credit.*

Summer Term, and Second Semester.

Principles of Education a prerequisite. A course dealing with scientific management applied to the problems of education. This includes educational measurements and standard tests. A course for teachers as well as for superintendents and principals. (Monroe.)

7.—COUNTY SUPERVISION. *Two hours credit.*

First Semester.

In this course a study is made of certain sections of the Kansas school law, comparing our laws with those of other states. Other subjects considered are office work and the making of official papers, organization and administration of rural schools, maintenance of schools, supervision of rural schools, schoolhouse and grounds, consolidation, etc., using Professor Foght's American Rural Schools as a text. This course may be taken by correspondence. (Culter.)

8.—RURAL LIFE PROBLEMS. *Three hours credit.*

Second Semester.

This course consists of a discussion of the problems of rural life under the general topics of The Rural Problem, Rural Industrial Problems, and Rural Social Problems. We consider the specific problems of isolation, tenancy, roads, movement of farm population, home environments, schools, the church, farm organizations, social life, etc. (Culter.)

9.—NEEDED SCHOOL LEGISLATION. *Two hours credit.*

First Semester.

The class will meet one evening each week for two recitation hours.

Open to Juniors. The purpose of this course is to make a comparative study of the school laws of the different states and the various educational reports, with a view to framing one or more educational bills. (Culter.)

10.—PRIMARY METHODS. *Four hours credit.*

Summer Term, and each Semester.

Elective. The purpose of this course is to offer in lecture form a critical study of methods of presenting the principal subjects of instruction in the lower grades. This work is more extended and definite on the various subjects than is possible in the limited time available in connection with the academic and advanced treatment of the same. The teacher will be led to test methods and to govern their application of the same by the laws of the mind. After each subject is completed, illustrative lessons will be given with the pupils of the first three grades of the Training School.

(1) *Primary Methods*—meaning and purpose.(2) *Reading*—a study of methods, past and present.

The teacher's problems in connection with "beginning reading" without text. The teacher's problems when using the text. Thought work, including expression, dramatic work, etc. Mechanics, melodic phonics, word study, drills, etc. Lists of the best readers.

(3) *Nature Study and Language*. Selecting the material for nature study. How used as a foundation for the language work. The purpose of language in the lower grades. The use of the picture, poem and story, and how to correlate with the nature work. Mechanics of language.

(4) *Primary Numbers*. A study of methods, past and present. The teacher's guide in selecting and presenting material. What shall we teach? How? Means of presenting new ideas through use of objects, construction work, etc. Drills, purpose, formal drills, devices, games, etc.

(5) *Geography*. Its place in the primary course. Life work and map work throughout the lower grades. Home or local geography. Outdoor and field lessons, excursions to shops, etc. The use of sand modeling, posters, stones, pictures, etc., in teaching primary geography.

(6) *Music*. The two phases of work—rote singing and the mechanics of music; value and use of each; tone work, breathing, rhythm, ear training, eye training; analysis of songs, and how to teach them. (Harris.)

Library Readings.

PRACTICE TEACHING.

The Training School offers teaching and observation in all grades from the kindergarten through the high school.

1.—TEACHING. *Four hours credit.*

Summer Term, and each Semester.

Daily. For the first half of the course the student has charge of the class under close supervision. In the second half of the course the student will have more independent charge of class and will be held responsible for results. In this course students will demonstrate their ability in teaching.

2.—TEACHING. *Four hours credit.*

Summer Term, and each Semester.

Daily. Students taking this course may be required to do supervisory work or teaching as their needs may seem to suggest. Those preparing for principalships and superintendencies may be assigned to do general observation and critic work with a view to meeting the problems of an entire school. Those planning for high-school teaching may be given advanced classes in the Secondary School.

PSYCHOLOGY AND PHILOSOPHY.

Professor TRIPLETT.

1.—GENERAL PSYCHOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Required. A systematic treatment is given with some attempt at pedagogical application. Some experimental work in the line of illustration, a number of class experiments, and special topics for individual study and report are given.

2.—CHILD PSYCHOLOGY. *Two hours credit.*

Each Semester.

Elective. Course 1 is a prerequisite. Treats generally of the mental development of children, aiming to give a point of view. Seeks to give a knowledge of the nature and needs of the child at the different periods of his growth. Direct observations are made and various investigations studied.

3.—GENETIC PSYCHOLOGY. *Two hours credit.*

Second Semester.

Elective. In this course a study of the mental life of animals is made, and comparisons drawn with human activity, especially that of children. All psychology is becoming genetic and functional in character, and a proper study of life activities of any kind, and especially those bearing upon education, must take into account this development phase of the subject. Given in alternate years.

4.—EDUCATIONAL PSYCHOLOGY. *Three hours credit.*

Second Semester.

Required. In this course important topics in psychology are treated in their educational aspects. Many of these—of the utmost value for the teacher—such, for instance, as the learning process, economical methods of memorizing and making associations, the education of the senses, etc., have little or no space in the ordinary textbook. Each student also, as a special study, is required to deal with the psychology of some subject in the curriculum, as the psychology of spelling, of reading, of arithmetic, and the like.

5.—PSYCHOLOGY OF ADOLESCENCE. *Three hours credit.*

Summer Term, and First Semester.

May be taken in place of course 4. A study of the important physical, mental and moral changes which are natural to adolescence. Given with the aim of laying a foundation for the pedagogy of secondary instruction.

6.—PSYCHOLOGY OF RELIGION. *Two hours credit.*

(Not given in 1914-'15.)

Elective. A study of the psychological phases of religion, with the aim of improving the quality of religious pedagogy, particularly in Sunday-school and missionary work.

7.—SOCIAL PSYCHOLOGY. *Two hours credit.*

First Semester.

Elective. A study of those interests and instinctive tendencies of the mind that are the result of the community life of the race. It is meant to throw light on the nature of society and to give a basis for a more truly social pedagogy.

8.—CLINICAL AND ABNORMAL PSYCHOLOGY. *Three hours credit.*

Second Semester.

May be taken in place of course 4. A study which includes disturbances and defects of personality. A study of the arrested and dull, the gifted and the genius. Attention is given also to the psychology of capacities and the Binet measuring scale of intelligence and other mental tests, using Whipple's Manual. The various phases of the psychology of tension and catharsis, the methods of psychoanalysis, including the association method, hypnotism, etc., are given some attention.

9.—HISTORY OF PHILOSOPHY. *Four hours credit.*

First Semester.

Elective. This course includes: (1) Greek and Roman philosophy, with the emphasis on Plato and Aristotle. (2) Mediæval philosophy, a rapid survey of early Christian and scholastic philosophy. (3) Modern philosophy, from Descartes to Kant. In connection with the outline given, the masterpieces are read so far as time permits.

10.—PHILOSOPHICAL SYSTEMS. *Three hours credit.*

Second Semester.

Elective. A systematic study of historical and current systems, such as materialism, realism, the various brands of idealism, etc.

11.—PROBLEMS IN MODERN PHILOSOPHY. *Two hours credit.*

First Semester.

Elective. A study of certain tendencies in modern thought, such as absolute idealism, pragmatism, Bergsonism, etc. The content of this course varies with the time of offering it. Timeliness is made the guide.

12.—ETHICS. *Three hours credit.*

First Semester.

Elective. This course begins with a study of the developmental side of the subject. Attention is then given to the systematic side and practical applications made. Dewey and Tutf's text is used.

Physical Sciences.

CHEMISTRY.

Professor MAYBERRY.

The Chemistry Department occupies commodious quarters in Norton Science Hall. In addition to a large lecture room with a demonstration table, there are two well-lighted laboratories, a weighing room, a store-room and an office. Recently much valuable apparatus has been installed and such supplies purchased as will permit of the very highest grade of work in all lines of analytical chemistry. There are few laboratories anywhere better equipped for the work performed by a normal school. The object of this department is to give students a clear insight into this very important science and at the same time train teachers for successful instruction in our best high schools and academies.

1.—GENERAL CHEMISTRY. *Five hours credit.*

Summer Term, First Semester, and April-August.

This is a course in inorganic chemistry. It includes a study of the fundamental principles and laws of the science with a detailed study of both nonmetallic and metallic elements. Much practice in writing reactions and solving chemical problems is given. General experiments and demonstrations accompanying the daily recitations, and a minimum of four hours a week laboratory work is required.

2.—CHEMISTRY OF EVERY-DAY LIFE. *Three hours credit.*

Summer Term, and Second Semester.

Prerequisite, course 1. This is a practical course designed to make clear the chemical phenomena of everyday life. Simple tests are applied to water, air, milk and other foods to determine their purity. A careful study is made of the use of soaps and the removal of stains.

3.—QUALITATIVE ANALYSIS. *Five hours credit.*

Summer Term, and each Semester.

Prerequisite, course 1. This course covers the detection of metallic and nonmetallic ions and the analysis of salts and ores. It is almost wholly a laboratory course. A minimum of eight hours laboratory work and one hour recitation each week is required.

4.—QUANTITATIVE ANALYSIS. *Five hours credit.*

Summer Term, and Second Semester.

Prerequisites, courses 1 and 3. This course includes both gravimetric and volumetric methods of quantitative analysis. It is a laboratory course requiring a minimum of eight hours laboratory work and one hour recitation each week.

5.—ORGANIC CHEMISTRY. *Five hours credit.*

Summer Term, and each Semester.

Prerequisite, course 1. The aim in this course is to give a comprehensive view of the various classes of hydrocarbons and their derivatives through the study of some selected types. This is a textbook course with a minimum of thirty-two hours of laboratory work during the course.

6.—AGRICULTURAL CHEMISTRY. *Three hours credit.*

Summer Term, and First Semester.

Prerequisites, courses 1, 3, and 4. The application of chemistry to the study of soils, soil analysis, plant nutrition, and soil fertilization. The general relation of chemistry to various farming operations will be studied.

7.—**SPECIAL ANALYSIS.** *Three hours credit.*

Prerequisite, course 4. A course intended for students desiring to work out problems in rock, soil, food, etc. Analysis. The work is arranged to suit the needs of the individual students.

8.—**INORGANIC CHEMISTRY.** *Four hours credit.*

This course is a continuation of Chemistry 1. The work covered is practically the same but of a more advanced nature, intended for those who wish to teach Chemistry or desire a more extended knowledge of the subject.

Physical Training.

Director GEORGE A. CRISPEN.
D. V. WEST.
Mr. H. J. CAMPBELL.
Mr. IRVEN E. BROWN.

Director, MABEL L. SMITH.
Miss ELEANOR HARRIETT KITCHENS
Miss BERNICE E. JOHNSON.
Miss MARGUERITE A. CAHILL.

The courses in this department are designed to improve the bodily health and personal efficiency of the students, and to enable them to carry into the schoolroom the knowledge of how to make it a place of normal and symmetrical growth. Work in this department is required of all students, unless regularly excused on account of physical infirmities. In such cases special corrective work can be taken under prescription by the physical directors.

Gymnasium Fee.—A fee of one dollar is made each semester for the use of the locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fees.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer terms alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation gymnasium costume will be worn in the classes, and will consist of a white sleeveless shirt, full-length Turner or Y. M. C. A trousers, and the regulation gymnasium or tennis shoes. The suits may be had of local firms for a maximum price of three dollars. In order that costumes may be uniform, students are advised to make their purchases after arrival.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit and broad-toed black tennis shoes, sold by local merchants. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report at the Director's office, where the second-hand suits of out-going students will be sold for about four dollars, or where new ones may be ordered for five dollars. Only *regulation* suits will be allowed on the floor.

Theory.

MEN'S AND WOMEN'S DEPARTMENTS.

1.—THEORY OF PHYSICAL EDUCATION AND PLAY. *Four hours credit.*

First Semester.

In this course the following subjects are discussed: Laws of growth of the human body; effects of exercise on growth; physiological and psychological effects of exercise; the functions of exercise; the relation of bodily defects to growth; postural habits of pupils; first aid to the injured. Psychology of play, adaptation of play to varying ages, necessity of supervision of play, construction and equipment, organization and daily program; history and literature of the playground movement.

1a.—GENERAL THEORY OF PHYSICAL EDUCATION. *Two hours credit.*

First half second Semester.

This course includes the general theory of physical education. The following subjects are discussed: laws of growth of the human body; effects of exercise on growth; physiological and psychological effects of exercise; the functions of exercise; the relation of bodily defects to growth; postural habits of pupils; first aid to the injured.

15.—PLAY AND PLAYGROUND GAMES. *Two hours credit.*

Second half second Semester, and Summer Term.

Psychology of play, adaptation of play to varying ages, necessity of supervision of play, construction and equipment, organization and daily program; history and literature of the playground movement.

16.—ANATOMY. *Five hours credit.*

(See Human Anatomy, Department of Physiology and Hygiene.)

17.—PHYSIOLOGY. *Three hours credit.*

(See Department of Physiology and Hygiene.)

18.—APPLIED ANATOMY. *Two hours credit.*

Lectures and demonstrations dealing with joint mechanisms, working forces, and effects of postures and movements.

19.—ANTHROPOMETRY. *One hour credit.*

Includes a study of relationship between different parts of the body of the same individual, between different individuals, between an individual and the type to which he belongs. The laws of normal growth are studied. The value of the different measurements and proportions of the body, with instructions and practice in the correct methods of taking and recording them.

20.—FIRST AID TO THE INJURED. *One hour credit.*

(See Department of Physiology and Hygiene.)

21.—PRESCRIPTION OF EXERCISE. *Two hours credit.*

One hour a week. Open to students who wish to specialize in this department. In this course the student not only learns how to make and record the physical examinations, but to detect physical defects and give correct exercises to remedy them.

24.—HISTORY OF PHYSICAL EDUCATION. *Four hours credit.*

An outline study of the periods in physical training. Lectures and assigned readings. A theme prepared upon an assigned topic.

25.—HISTOLOGY. *Two hours credit.*

(See Department of Physiology and Hygiene.)

32.—PSYCHOLOGY OF ADOLESCENCE. *Three hours credit.*

(See Department of Psychology and Philosophy.)

33.—CHILD PSYCHOLOGY. *Two hours credit.*

(See Department of Psychology and Philosophy.)

34.—PHYSIOLOGY OF EXERCISE. *Two hours credit.*

The different types of exercise are studied, with reference to their effects upon growth and organic vigor.

37.—THEORY OF COACHING. *Two hours credit.*

In this course a study is made of the different methods of teaching and coaching the major sports. The student gets a working knowledge and the finer points of football, baseball, basket ball and track athletics. Systematic written outlines are prepared and followed throughout the course. Elective.

Practice.

MEN'S DEPARTMENT.

Required, four hours, or one hour per semester. Three hours' work per week in gymnastics or athletics during one semester equals a one-hour credit. Regular attendance is required at these exercises, just as in the regular class work of the gymnasium, and records are kept of attendance and proficiency.

Since the midwinter is best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

2.—ELEMENTARY GYMNASTICS. *One-half hour credit.*

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3.—INTERMEDIATE GYMNASTICS. *One-half hour credit.*

Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling. Prerequisite, course 2.

4.—ADVANCED GYMNASTICS. *One-half hour credit.*

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercise upon the heavy apparatus. To each member of the class who is able to pass the examination in exercises on the parallel bars, horizontal bar, side horse, flying rings and tumbling mats is given an emblem, consisting of two bars and a diamond made of old gold felt, which is to be worn on the white gymnasium shirt over the left breast. To those of this class who are not able to do the most advanced work but can pass the examination in the more simple exercises, the two bars without the diamond are given. Crowning the emblem is a crescent of the same material, which is given to advanced students who are majoring in physical training and are able to conduct classes through the regular day's order. Students trying for the emblem must wear the regulation gymnasium suit, which must be clean and in good condition. Prerequisites, courses 2 and 3.

5.—METHODS OF TEACHING. *One-half hour credit.*

For Seniors of the Normal College two-year course who are completing their required four hours' work in physical training. Methods of handling classes in tactics, free-hand exercises, nomenclature and progression of exercises on heavy apparatus are taught. May be substituted for course 6.

6.—PRACTICE TEACHING.

The two years' required work in physical training is completed by doing assistant teaching for one term in that part of the work in which the student is most proficient. This practice teaching is done under the direct supervision of the instructor in that department. Prerequisite, course 4, or one season's experience on the first or second team of the sport in which the teaching is done.

7.—ELEMENTARY AND RURAL SCHOOL METHODS I. *One hour credit.*

Designed to give the student a working knowledge of playground and indoor games suitable for pupils of elementary and rural schools. Special attention is given to the arrangement of games and the manner of scoring game contests and play festivals. May substitute for one semester of required gymnastics.

7a.—ELEMENTARY AND RURAL SCHOOL METHODS II. *One hour credit.*

A continuation of course 7, with training in the management and coaching of more highly organized games, group contests and track athletics. May substitute for one semester of required athletics.

8.—FOOTBALL.

Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

9.—SOCCER FOOTBALL.

Given during second and third ten weeks. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.

10.—BASKET BALL.

Classes are organized each term of the year. The A. A. U. game is taught to elementary classes and the intercollegiate game to the first and second teams.

11.—BASEBALL.

Given during the first, fourth and fifth ten weeks. Individual and team practice. The squad is divided into teams graded according to ability.

12.—TRACK AND FIELD ATHLETICS.

Given during fourth and fifth ten weeks, only to men in good physical condition as shown by physical examination. Cross-country running is given during the third and fourth ten weeks.

13.—TENNIS.

Given during first, second and fifth ten weeks. Tournaments in both singles and doubles are held during first and fifth ten weeks.

14.—SWIMMING.

Elementary and advanced instruction is given during each term of the year.

38.—MAJOR TEACHING I. *One hour credit.*

Students of the four-year college course, making their major work in physical education, under the direction of the instructor of the department in which they work, will have full charge of a practice class in physical training. Prerequisite, the required four hours physical training in the Life Certificate course.

38a.—MAJOR TEACHING II. *One hour credit.*

A continuation of course 37, with practice in organizing, coaching and officiating athletic sports for elementary school boys. Prerequisite the same as course 38.

In the practice of indoor and outdoor sports, attention is given to form and technique; adaptability of the individual to the various sports; conditions; rules and methods of scoring; team work and strategy. Teams for intercollegiate competition are maintained in football, basket ball, track athletics and tennis.

The rules governing eligibility for participation in intercollegiate contests are those of the Kansas College Athletic Conference.

WOMEN'S DEPARTMENT.

PURPOSE: The aim of the department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and systematic development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results be obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them, as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playgrounds athletics, games, and folk dances.

TWO-YEAR COLLEGE COURSE.

Required, one hour per semester. (Three periods of work per week in gymnastics, athletics or other elective work during one semester of twenty weeks equals a one-hour credit.)

2.—ELEMENTARY GYMNASTICS.

Required of all beginners. Three periods a week for ten weeks.

3.—INTERMEDIATE GYMNASTICS.

Required of all students who have completed course 2. Three periods a week for at least twenty weeks.

4.—ADVANCED GYMNASTICS.

Open only to students who have passed course 3 with high grades and are physically adapted to apparatus exercises.

5.—PRACTICAL GYMNASTICS.

Required of all students during their second year of college work. Three periods a week. Special attention is given to gymnastics, games and folk dances, suitable for the schoolroom and playground.

(a) During the first ten weeks of this course, students who have a good posture and accurate form in their work may be allowed one period for athletic or æsthetic work.

(b) During the last ten weeks the students learn to teach, in the corrective classes, prescriptions of exercises that may be used to correct common physical defects in children and older girls.

6.—METHODS AND PRACTICE TEACHING.

Required of all students the last semester of their second college year. Courses 2, 3 and 5 and ten weeks of electives are required before the election of this course.

This course is especially designed for those who will teach in rural and graded schools. Special attention is given to playground games, organized sports and athletics, and management and equipment of the playground. A term of teaching in the model school is required.

7.—CORRECTIVE GYMNASTICS.

Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.

8.—OUTDOOR SPORTS.

Open to all students who have completed two terms of gymnastics. Three periods a week in the spring and fall terms. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics and relay racing.

9.—SOCCER.

Open to students who have passed twenty weeks of gymnastics. One period a week for the fall term.

10.—BASKET BALL.

Open only to students who are physically qualified and who have passed course 2.

11.—BASEBALL.

One period a week in the spring term.

12.—HOCKEY.

One period a week in the spring and fall terms.

13.—TENNIS.

Open to all students having the privilege of electing athletics. One, two, or three periods a week.

14.—SWIMMING.

One lesson a week is allowed each student.

26.—ÆSTHETIC DANCING (elementary).

Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized, and is now considered one of the most important phases of gymnastic exercise.

27.—FOLK DANCING (elementary).

One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.

28.—ÆSTHETIC DANCING (intermediate).

Open to all students who have completed course 26.

29.—FOLK DANCING (intermediate).

One period a week. Open to all students who have completed course 27.

30.—FENCING.

One period a week.

35.—INDIAN CLUBS.

One period a week.

36.—CROSS BALL.

One period a week.

Physics.

Professor TIDD.

The College has recently removed this department to the third floor of Norton Science Hall and established it in a suite of the following rooms: lecture room, elementary laboratory, advanced laboratory, light laboratory, dark room, department library, and office. A good supply of equipment is furnished for the elementary courses, while recent additions have been made to the apparatus for the advanced courses. A commercial type switchboard has been recently installed, and most excellent facilities are provided for a thorough treatment of such phases of physics as are needed in a normal college.

LABORATORY WORK.—Nearly all the courses require laboratory work. With few exceptions, the experimental work is individual. The hours for this part of the work must be arranged by consultation with the head of the department, and will be made to conform to the student's program.

LABORATORY DEPOSIT.—A deposit of \$1 will be required in the following courses: 1, 2, 3, 4, 8, 9, 10, and 12, while \$2 will be required in course 11. This is to cover breakage and material used. The balance will be returned to the student.

1.—MECHANICS OF SOLIDS AND FLUIDS, SOUND, AND HEAT.

Four hours credit.

Summer Term, and each Semester.

Prerequisite, one year each of algebra and geometry. The subject matter is presented with the view to furnish a practical knowledge of the subject as well as the cultural aspect.

2.—LIGHT, MAGNETISM, AND ELECTRICITY. *Four hours credit.*

Summer Term, and each Semester.

This course is open alone to those who have taken course 1 or its equivalent. The viewpoint is the same as in the previous course. The applications of heat, light and electricity in the home and the school are studied in an applied way.

3.—ADVANCED MECHANICS OF SOLIDS AND FLUIDS, AND HEAT.

Four hours credit.

Summer Term, and First Semester.

Prerequisites, courses 1 and 2. It is strongly urged that the student have a knowledge of trigonometry before entering this course. The subject matter in the latter part of this course is treated in an applied way, with reference to heating and ventilating systems, the steam engine, the gas engine, etc.

4.—ADVANCED ELECTRICITY, MAGNETISM, AND LIGHT.

Four hours credit.

Summer Term, and Second Semester.

Prerequisites, same as in course 3. This course treats the subject matter in an applied way with reference to the usual applications of electricity on the farm, in the school and the home. It deals with light from the optical standpoint and takes up the illumination of school buildings and rooms. A careful study is made of the ordinary optical instruments, the photographic camera, and the stereopticon.

5.—TEACHING OF HIGH-SCHOOL PHYSICS. *Two hours credit.*

Summer Term, and Second Semester.

This course is open as a methods course to those specializing in this department. It takes up the organization of secondary physics courses, the equipment of laboratories, economical purchase of apparatus and supplies, and a comparative examination of texts and manuals.

6.—THE HISTORY OF PHYSICS. *Two hours credit.*

First Semester.

Prerequisites, courses 1 and 2. This is a cultural course, giving the relationship of physics teaching to the personalities of the great men and women who have developed the science to its present state.

7.—SEMINAR AND CLUB. *Two hours credit.*

Throughout the year.

This is designed for those majoring in this department. An exhaustive study will be made by members of the club of such problems of schools as can best be approached from the standpoint of the physicist, *e. g.*, heating, ventilating and lighting systems of public school buildings, projection in the public schools, etc.

8.—FARM PHYSICS. *Four hours credit.*

First Semester.

This course is designed for those who are preparing to teach agriculture. It takes up soil physics, farm machinery, electric light for the farm, and such other topics as will give the best preparation in this line of work. Prerequisite, a good high-school course.

9.—ADVANCED D. C. AND A. C. ELECTRICITY. *Six hours credit.*

Second Semester.

Four hours of the credit is earned in this course by the study and solution of problems in electricity in all its common applications, and two hours credit in the laboratory work connected with it.

10.—PHYSICS OF COMMON THINGS. *Four hours credit.*

Summer Term, and each Semester.

This course is designed alone for those majoring in grade and rural-school work. It treats of the common physical phenomena in relation to everyday life, and furnishes abundant illustrative and suggestive material for the public-school teacher to make use of in various classes. Required of those preparing for the Special Proficiency Certificates in Rural, Primary, Intermediate, and Grammar Grade Teaching.

11.—LABORATORY TECHNIQUE. *Two hours credit.*

First Semester.

This is a laboratory and shop course in the making of simple apparatus for the high-school laboratory. Simple lessons are given in the handling of glass—molding, blowing, etc. Instructions will be given in the making of lantern slides, and students will be enabled to make up slides and take with them to their schools.

12.—SOUND FOR MUSIC STUDENTS. *Two hours credit.*

Second Semester.

This course is designed especially for those who are specializing in music and is to give them a physical basis for their musical studies. It is viewed from the acoustical standpoint. The theory of the production of sound in the various musical instruments is taken up and the work is rendered thoroughly practical in this line.

13.—SPECIAL ADVANCED PHYSICS. *Two hours credit.*

Summer Term.

Public Speaking and Expression.

PROFESSOR GILSON. MISS MEDDERS.

It is the purpose of the Department of Public Speaking and Expression to enable its students to speak the English language distinctly and correctly; to express the masterpieces of literature with true meaning and feeling; to address an audience easily and effectively; and to have so thorough a knowledge of the methods used that they may teach the subject wisely.

1.—FUNDAMENTALS OF EXPRESSION. *Three hours credit.*

Summer Term, and each Semester.

A course in the underlying principles of expression, including training in voice, pronunciation and bodily expression as applied to interpretation of literature. The course is designed to help teachers make all oral exercises in the classroom intelligent and pleasing. Some practice will be given in story telling, and causes and remedies for defective speech will be considered.

2.—METHODS IN READING. *Two hours credit.*

Summer Term, and each Semester.

A pedagogical course, dealing with methods and problems of teaching reading in the grades. The state text in fourth and fifth readers is used, with lectures and references to standard authorities in this line.

3.—DRAMATICS. *Two hours credit.*

Each Semester.

A course in presentation of farces and plays. The aim of the course is to gain a clear understanding of the dramatic form in literature, and to give the student practical knowledge of how to stage a play.

4.—ARGUMENTATION AND DEBATE. *Two hours credit.*

Summer Term, and each Semester.

A good text is used for the basis of actual work in debate. The matter of debate work considered both as to form and matter.

5.—PUBLIC SPEAKING. *Three hours credit.*

Summer Term, and each Semester.

A course in extemporaneous speech. Phillip's Effective Public Speaking is used as a text; and much drill is given in the presentation of speeches. The aim of the course is principally to give the student ease and effectiveness in public speech.

6.—ORATIONS. *Two hours credit.*

Summer Term, and each Semester.

A course in the writing and delivery of the formal type of public address. The student is recommended to take course 1 or course 5 before entering this class.

7.—ADVANCED EXPRESSION. *Three hours credit.*

Each Semester.

A continuation of course 1. Drill in platform work, arranging programs, making readings from stories and plays. Prerequisite, course 1.

8.—PRIVATE LESSONS.

It is necessary that the student who majors in this department have much individual work. For this, the private lesson is offered, to be arranged after consultation with the head of the department. A special fee is required for this course.

THE SECONDARY SCHOOL.

REGISTRATION AND ADMISSION.

Graduates of the common schools, eighth-grade graduates, and students who have finished a part of their high-school work are admitted to the Secondary School.

Persons who have done any high-school work should send transcripts of record of work done. These should show the number of recitations and laboratory periods per week, the number of weeks in the school year, the length of the recitation period, and the final grade for each course. Write the Registrar for blanks for this purpose. *Do not bring monthly or yearly report cards or diplomas.* Transcripts of record of persons who are not graduates of four-year high-school courses should be sent to Principal Carothers of the Secondary School. All transcripts should be certified and sent in advance of the time of registration.

Registration days are designated in the school calendar, printed on an earlier page of this catalogue. Students should register on these days and enter upon the work of their classes the opening day. Registration at a later date will be permitted only upon the giving of a satisfactory reason for the delay.

AMOUNT OF WORK.

Students are not permitted to register for work giving more than two and one-half units credit per semester.

CREDIT.

A unit of credit is earned by a student in a class meeting five times a week for thirty-six weeks, the recitation period being fifty minutes.

GRADUATION.

To receive the diploma of the Secondary School pupils must have completed sixteen units of work, ten units of which are required and six are elective. ~~A unit is a semester's work~~ in one of four subjects, in a class reciting five times per week. This is the basis upon which credit in the Secondary School is determined.

The required work includes three units of English, one of algebra, one of geometry, one of botany or agriculture, one of physics or chemistry, one of history, one-half of hygiene physiology, one-half of civics, and one selected from the list of arts, found in group 6, page 113. One-half unit only in physical training, one-half unit in chorus singing, and one unit in instrumental music may be counted toward graduation. Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course, indicated by a star in the course of study.

SOCIAL PRIVILEGES.

In the administration of the Secondary School it is recognized that the period of adolescence is the time for acquiring many things not to be found in any formal curriculum, especially the freedom, tact and charm necessary to a pleasant and successful performance of whatever part the

student may choose to play in later life. Moreover, such a large proportion of the student body are preparing to teach, and so to go into communities where they will be expected to lead in the organization of social activities, that much care is given here to see that social advantages are provided in sufficient quantity, and at the same time that they are safeguarded. Numerous social groups have been formed for the pursuit of such lines of investigation, mental recreation or drill as the members composing the groups desired, each student being left to choose for himself the group with which he desires to work.

During the past year the Dramatic Club has given several plays, the New Era Club has fostered the idea of excellence in literary work, the Rhodean Society has increased many fold the efficiency as public speakers of those young men most interested in public questions, the Reading Club has spent delightful evenings with now one author and now another, while those who like music have found a channel for the expression of their tastes in one or more of the three choruses open to Secondary students. A somewhat detailed account of the social organizations of the Secondary School follows:

THE RHODEAN SOCIETY.

The aim of the Rhodean Society is to give opportunity for practice in debating and drill in the application of parliamentary usage. Only boys are admitted to this society, and the number of members is limited to thirty. The work has been so satisfactory that the membership is kept recruited to its maximum limit. Each boy upon leaving school becomes an honorary member, and his place as an active member is immediately filled by another. The boys themselves conduct the work of this organization, under the guidance of two members of the Faculty, who are present at every meeting to give counsel and helpful criticism.

THE C. S. CLUB.

One of the great needs of men and women to-day is to possess the ability to meet people with courtesy, grace and composure. In order that definite work along this line may be accomplished a group of young men in the Secondary School have organized the C. S. Club. The purpose of this club is to study social forms and usages and to train its members to meet society in the best possible manner. It recognizes that culture and refinement are necessary to success in the business world, and its aim is to fit its members to meet any ordinary social situation. The club was organized in November of 1913, and has thirty members. It meets each Wednesday evening to discuss social situations and problems. It has adopted a code of rules and regulations, and its members try to live up to all of them. An occasional demonstration of the work done is given by means of a party for the friends of the members.

READING CLUB.

The Principal of the Secondary School conducts a Reading Club, which meets informally each Saturday evening. It is especially for the girls of the School, and was organized to give them something to occupy the time used by practically all the boys at the meeting of the Upper Room. There are no officers, nor is there any membership list, but all the girls who care to meet for an hour Saturday evening in the lecture room of Kellogg Library, to listen to some choice bit of good literature, may do so. Much of the time is given to the better fiction of the day, with now and then an evening spent on a book of essays or travel. The purpose is not so much to read any good book through as it is to give the hearers a taste here and there of the best authors, in the belief that where one finds his taste delighted he will afterward find wholesome food. Among the authors read from during the past year are John Muir, J. M. Barrie, William Allen White, Mary Shipman Andrews, Edna Ferber, Jeffrey Farnol, Francis Dwyer, Kenneth Grahame, and Eugene Field.

NEW ERA LITERARY SOCIETY.

During the fall of 1912 a group of the young women of the Secondary School organized the New Era Literary Society for the purpose of giving them a wider opportunity for parliamentary drill and public speaking than is afforded by the exercises of the classroom. The society meets twice a month, on Wednesday evenings, to discuss and debate topics of the day. It is occupying the field usually occupied by college literary societies.

GIRLS' DRAMATIC CLUB.

This organization responds to the growing interest in amateur dramatics among girls of high-school age. The club meets the girls' need of real fun of play, and a girl here educates herself, through the development of initiative and originality, to provide her own fun. This club has also a definite relation to the English work of the high school. The members are assigned to groups for the presentation of short plays. One of the number is stage manager. The work of staging the play and of acting the parts is largely dependent upon the girls' initiative. Their director is a member of the Faculty who has had long experience with school work of this nature.

During the past year the girls have staged such plays as "A Sketch from Little Women," "The Tea-party in Cranford," and "Comedy of Errors." One of the most delightful evenings was furnished by the presentation of the Oxfordshire St. George play, "A Christmas Mumming." The climax of the year's work is the presentation of a school pageant, or spring festival. The members of the club are the leaders of the dramatic episode. This school pageant includes all the girls of the Secondary School and combines the work of the Art, Music, Physical Training and English departments of the School.

TEACHERS' EXAMINATION COURSES.

Preparation for Teachers' Examination courses for students who wish to prepare for the several county examinations are offered. The examinations are held at the State Normal School June 19-20, June 26-27, July 24-25, October 30-31, 1914, and January 29-30, 1915.

Manuscripts are sent to the county desired by the applicant.

COURSE OF STUDY.

Studies in CAPITAL LETTERS (page 114) are prescribed in all courses, and must be taken in the order given. Studies in small letters are elective. The study is placed in the earliest semester in which it may be chosen without special permission. Pupils in any later semester may select any study of an earlier one.

No studies shown require less than one semester for completion, and, once under way, may not be dropped before the end of the semester *without the express consent of the principal*.

If a study requires more than one-half year for its completion *it can not be discontinued without the consent of the principal* until the completion of the term marked with a star.

All pupils must take either botany or agriculture in the first year of the course, and later either European or American history. During the Senior year either physics or chemistry is required. One unit must be taken from the list of arts, found in group 6, page 113.

Pupils are not permitted to take less than two subjects nor more than four, except by permission, and are never allowed to continue their work after failing in two subjects in any one term unless there be recommendation to the contrary from the principal and all the teachers involved.

One-half unit credit only in physical training, one-half unit in chorus singing, and one unit in instrumental music may be counted toward graduation.

It will be noticed that only ten units are specifically required, leaving the pupil free to elect some chosen major throughout his course, and still have left two units free for the election of courses at large. In the normal-training course, which leads to a state certificate, there is an opportunity for four units of election.

Students of exceptional attainments or maturity, especially those who have had considerable experience in teaching in the common schools of the state, will be admitted into rapidly moving classes, upon the recommendation of their teachers, whenever their ability seems to warrant it. Special classes will be organized from time to time allowing individuals to cover various subjects as rapidly as they are able to do so. In every case the entire work planned for the semester will be gone over thoroughly, and credit for the entire semester's work will be given and recorded whenever the course in question is satisfactorily completed. This will operate to allow exceptional students to complete the entire course in considerably less time than four years.

More and more frequently do county superintendents and the officers of progressive rural-school districts call on the State Normal School for teachers who are well prepared to teach a country school. There are today in Kansas rural teachers drawing \$100 a month, and more could have been placed had there been a sufficient supply of teachers who could teach efficiently agriculture, two or three lines of hand work, and music, as well as the conventional studies of the ordinary curriculum. Hundreds of students are coming to spend the seven or eight months of the school year teaching a rural school at a much better salary than is paid in town schools, and then do a full semester's work in the Normal School from April on through the Summer Term, thus completing their course as quickly as one who teaches and attends school on alternate years, and saving more money in the meantime.

Because of these conditions, the Faculty of the Secondary School has prepared a course fitting one to qualify as a rural teacher of unusual excellence. In working for the One-year State Certificate, those students who desire this course will elect out of Group I any three units; out of Group II, one unit of Algebra, one of Geometry, and one-half of Arithmetic; out of Group III, Agriculture two units, Physics of Common Things one unit, Geography one unit, and Hygienic Physiology one-half unit; out of Group IV, History one unit, Civics one-half unit; out of Group V, Rural School Management one-half unit, and Psychology one-half unit; out of Group VI, Public School Music one-half unit, and two units selected from Manual Training one unit, Domestic Science one unit, and Drawing and Hand Work one unit. This makes a total of fifteen units, and leaves one unit for free election.

The student who elects this work will be given a One-year State Certificate, and at the same time a special recommendation for rural teaching, signed by the Principal of the Secondary School and by the Professor of Rural Administration.

SECONDARY SCHOOL DIPLOMA.

To receive the diploma of the Secondary School pupils must have been in residence one semester and have completed sixteen units of work, ten units of which are required and six are elective. The required work includes:

- English, 3 units.
- Algebra, 1 unit.
- Geometry, 1 unit.
- Botany or Agriculture, 1 unit.
- Physics, 1 unit.
- History, 1 unit.
- Hygienic Physiology, $\frac{1}{2}$ unit.
- Civics, $\frac{1}{2}$ unit.
- Arts, 1 unit.

Only one-half unit in physical training and chorus singing and one unit in instrumental music may be counted toward graduation.

Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course indicated by a star in the course of study.

ONE-YEAR STATE CERTIFICATE COURSE.

Since the greater part of the student body in the Kansas State Normal Secondary School are preparing themselves to teach, and usually do teach for a period between their secondary-school work and their college work, the course leading to the One-year State Certificate is given a place by itself. Sixteen units are required. The residence requirement is one semester.

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.

Oral English, 1 unit.

Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, $1\frac{1}{2}$ units.

Geometry, $1\frac{1}{2}$ units.

Arithmetic, 1 unit.

Bookkeeping, $\frac{1}{2}$ unit.

Required: Two and one-half units, one-half unit being arithmetic, or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted:

Botany, 1 unit.

Physics, 1 unit.

Agriculture, $1\frac{1}{2}$ units.

Geography, $1\frac{1}{2}$ units.

Physiology, $\frac{1}{2}$ unit.

Required: Three units, one-half unit being geography, and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted:

American history, $1\frac{1}{2}$ units.

European history, 2 units.

Civics, $\frac{1}{2}$ unit.

Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted:

Methods and management, $\frac{1}{2}$ unit.

Psychology, $\frac{1}{2}$ unit.

Required: One unit.

GROUP 6.—ARTS.

May be submitted:

Drawing, 2 units.

Music, $1\frac{1}{2}$ units.

Physical training, $\frac{1}{2}$ unit.

Manual training, 2 units.

Domestic science or domestic art, 2 units.

Penmanship, 1 unit.

Required: One unit.

ELECTIVE.

Required: Four units.

GENERAL COURSE OF STUDY.

FIRST YEAR.

<i>First Semester.</i>	<i>Second Semester.</i>
GRAMMAR AND COMPOSITION. BOTANY I, or AGRICULTURE I. Arithmetic. Elementary Latin I. Elementary German I. Elementary French I. Elementary Bookkeeping. Elementary Penmanship. Plain Sewing and Foods. Elementary Gymnastics. Music I. Free-hand Drawing I. Ancient History I.	NARRATION AND DESCRIPTION. BOTANY II, or AGRICULTURE II. ALGEBRA I. Elementary Latin II.* Elementary German II.* Elementary French II.* Bookkeeping and Business Practice. Advanced Plain Writing. Plain Sewing and Foods. Intermediate Gymnastics. Intermediate Music. Free-hand Drawing II.* Ancient History II.*

SECOND YEAR.

<i>First Semester.</i>	<i>Second Semester.</i>
EXPOSITION. PHYSIOLOGY. ALGEBRA II. Cæsar I. Conversation and Composition. Advanced Bookkeeping. Typewriting I. Woodworking. Dressmaking and Serving. Advanced Gymnastics. Advanced Music or Chorus. Elementary Water Color. Modern History I.	ARGUMENTATION. CIVICS. GEOMETRY I. Cæsar II.* Conversation and Composition. Stenography I. Typewriting II. Woodworking.* Dressmaking and Serving.* GEOGRAPHY. English History. Blackboard Illustration. Modern History II.*

THIRD YEAR.

<i>First Semester.</i>	<i>Second Semester.</i>
ENGLISH LITERATURE. GEOMETRY II.* Cicero I. German Conversation and Reading. Stenography II.* Joinery. Elementary Geology. American History I.	AMERICAN LITERATURE. Solid Geometry. Cicero II.* Schiller. Dictation. Cabinetmaking. Advanced Arithmetic. American History II.*

FOURTH YEAR.

<i>First Semester.</i>	<i>Second Semester.</i>
PHYSICS I, or CHEMISTRY I. Advanced Algebra. Speed Practice. Psychology.	PHYSICS II* or CHEMISTRY II.* VIRGIL II.* Commercial Law. School Administration.

Outlines of Instruction.

No Secondary School course will be given unless registered for by eighteen students.

Agriculture.

In the high-school agriculture, plant and animal life are always studied from the economic point of view. Such fields as fruit growing and market gardening are studied profitably. Well-organized facts concerning the fertility of our soils are taught, and the pupil comes to realize that the future of Kansas and of the nation depends upon the efforts of the individual farmer in building up the productivity of his soil. In general, high-school agriculture opens up a field for fruitful thought along these lines, and whenever any one has reached such a mental condition, due to his education, he has been made a better citizen and a more capable teacher.

FARM CROPS (AGRONOMY). *One-half unit credit.*

Summer Term, and each Semester.

This course includes a study of the grain crops, hay and fodder crops, root and tuber crops, fiber crops and legumes. There is also a detailed consideration of insects and obnoxious weeds, with methods of control. This is a practical course in the study of agronomy.

FARM ANIMALS (ANIMAL HUSBANDRY). *One-half unit credit.*

Summer Term, and each Semester.

A course including a study of types and breeds of farm animals, feeding, live-stock judging, dairying and its relations to Kansas problems of soil fertility.

FARM MANAGEMENT. *One-half unit credit.*

Each Semester.

Room 19M.

This course includes crop rotations, plant and animal breeding, the common diseases of animals and their treatment, farm machinery, farm buildings, and the keeping of records and accounts. This is a practical course for the teacher who expects either to do high-school work or to make a specialty of rural teaching. Required of those expecting special recommendation for teaching in rural schools. Prerequisites, Agriculture I and II. Deposit, 50 cents.

HORTICULTURE AND FORESTRY. *One-half unit credit.*

Each Semester.

Room 19M.

This is a new course, but will be required of those who expect recommendations either for special fitness for rural-school teaching, or to teach agriculture in a high school. It covers a new phase in secondary education in Kansas, as elsewhere, and includes fruit growing, market gardening and trucking, marketing produce, care of orchards and small fruit farms, sprays and spraying, and practical forestry for Kansas.

Students taking this course will be furnished vacant lots, plants and seeds, spraying outfits, hoes, rakes, etc., if desired. The student may choose his own plants, and follow any phase of gardening or trucking he desires, provided it be consented to by Mr. Phipps. Part of the class time will be spent in care of the lot, and the grade given in the course will be largely determined by the merit of the work done and the results shown. The produce will be marketed coöperatively, and the net profit returned to the student.

SCHOOL GARDENING. *One-fourth unit credit.*

Summer Term, and second Semester.

The topics studied are, the improvement of rural and city school grounds, school gardens, and the planting of ornamental shrubs and trees.

Botany.

ELEMENTARY BOTANY I. *One-half unit credit.*

Summer Term, and First Semester.

Topics considered: A study of the so-called lower plants, with especial emphasis on bacteria and their relation to health, to the preservation of foods, and to soil production and fertility; a similar treatment of fungi; and the origin and nature of a seed. The method is strictly developmental throughout. Text, Bergen and Caldwell, *Introduction to Botany*. A deposit of 75 cents is required in each of these courses to guarantee the return of apparatus entrusted to the student.

ELEMENTARY BOTANY II. *One-half unit credit.*

Summer Term, and Second Semester.

The previous course will be continued, with a comparative study of seeds, their germination, their structure and contents; the general structure and work of plants—their roots, stems, and leaves, and the significance of these; plant products and industries connected with them; a consideration of some of the leading families of plants—their uses, characteristics, and distribution; plant improvement, including plant breeding. This study includes field and laboratory work, illustrated lectures, class discussion, and recitations. No credit is given for either of these courses without the other. Text and deposit the same as in Botany I.

Chemistry.

CHEMISTRY I. *One-half unit credit.*

Summer Term, and each Semester.

A study of the principles and laws of the science, with something of its history. The course will include a detailed study of the most typical nonmetallic elements and of some of the more useful metals. It will also cover an introduction to the study of some of the simpler and more familiar organic compounds. The student becomes familiar with such laboratory methods of filtration, evaporation, precipitation, neutralization, distillation and weighing as will give him facility in analysis in the work of the second semester. Text, Olson's *Pure Foods*. Laboratory fee, \$1.

CHEMISTRY II. *One-half unit credit.*

Each Semester.

Practical analysis is continued throughout the semester. The work includes both qualitative and quantitative analysis of such familiar things as tea, coffee, baking powder, vinegar, fruit juices, water,

milk, foods—including tests for adulteration, preservatives, artificial colors and flavors. The chemistry of dyeing and stains receives attention. The more common remedies and patent medicines are examined. The course is elastic enough to allow it to be adapted to the needs of the class and the interest of the individual student. Text, Allyn's Elementary Applied Chemistry. Laboratory fee, \$2.

Commerce.

BOOKKEEPING.

ELEMENTARY BOOKKEEPING. *One-half unit credit.*

Summer Term, and each Semester.

Principles of debit and credit, use of journal, daybook and ledger, forms of opening and closing accounts, trial balances, and statements. Simple business practice.

BOOKKEEPING AND BUSINESS PRACTICE. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, Elementary Bookkeeping. Business forms are employed and school currency is used. The student receives invoices, checks, drafts, letters, sends telegrams, makes deposits in the bank, writes checks, discounts notes, gives receipts, issues notes, draws and accepts drafts, etc. He learns the use of the cash book, sales book, invoice book, and bill book, and makes detailed business and financial statements.

ADVANCED BOOKKEEPING. *One-half unit credit.*

First Semester.

Exercises in single entry and changing from single entry to double entry. Use of loose-leaf books and card ledgers.

PENMANSHIP.

ELEMENTARY PENMANSHIP. *One-half unit credit.*

Summer Term, and each Semester.

No prerequisite. Study of correct position. Muscular movement and its advantages. Mastery of movement and control of the arm by means of various exercises. Development and analysis of both capitals and small letters.

ADVANCED PLAIN WRITING. *One-half unit credit.*

Each Semester.

Prerequisite, Elementary Penmanship. Working for speed and legibility. Letter writing and business forms. Blackboard writing.

COMMERCIAL LAW.

COMMERCIAL LAW. *One-half unit credit.*

Second Semester.

It is the aim of this course to present clearly the more important points of business law that are likely to arise in everyday affairs. The leading principles of contract law, illustrated by references to court decisions, are studied, and their application to matters of practical business is shown. Practice is given in drawing up forms of legal papers in common use. Open to Seniors.

TYPEWRITING.

Careful study of the machine. Instruction as to care, mechanism, and possibilities. The touch system is used exclusively. Proper fingering is insisted upon. A light, rapid, smooth and even touch is acquired as early as possible. Accuracy is the first object, though speed should come as the result of practice. Neatness is emphasized. Arrangement of work and tabulations receive special attention. To be able to write without error, and at the same time smoothly and rapidly, any kind of miscellaneous matter or business document, is the end and aim of typewriting, and this object is held before the student throughout the course.

TYPEWRITING I. *One-half unit credit.*

Summer Term, and first Semester.

Mastery of the keyboard. Practice on words, easy sentences, and simple business letters.

TYPEWRITING II. *One-half unit credit.*

Second Semester.

Business letters, common legal forms, and tabular exercises. Careful attention to arrangement, spelling, and punctuation of dictated matter.

TYPEWRITING III. *One-fourth unit credit.*

First Semester.

Speed practice, study of manifolding and carbon work, and use of graphophone and typewriter. Dictated matter of some difficulty.

STENOGRAPHY.

Cultivation of the ear in distinguishing sounds, and habits of close attention, are requisites for the successful study of stenography. Accuracy, quick perception and rapid thinking are cultivated from the beginning. Each principle receives careful drill. In transcribing connected matter, the spelling, paragraphing and arrangement must be absolutely correct. Dictation includes letters, common legal and business forms, selections from standard literature, and tabulations. Emphasis is laid on reading shorthand notes and transcriptions. The Benn Pitman system is used.

STENOGRAPHY I. *One-half unit credit.*

Each Semester, and Summer Term.

Completion of first half of the text.

STENOGRAPHY II. *One-half unit credit.*

Each Semester.

Completion of text, and practice in reading shorthand.

STENOGRAPHY III. *One-half unit credit.*

First Semester.

Miscellaneous dictation, and reading of shorthand notes.

STENOGRAPHY IV. *One-half unit credit.*

Second Semester.

Speed practice, graphophone work, and dictation.

STENOGRAPHY V. *One-half unit credit.*

First Semester.

Dictation in writing and transcribing.

Domestic Art.

Two years' work each is given to the art and the science of home making. The work in each extends through the full four years' secondary course. Classes in these subjects meet daily for recitation and laboratory work, between 2 and 4 P. M., the work of the two courses alternating. That is to say, a domestic art class will meet Monday, Wednesday and Friday of one week and Tuesday and Thursday of the following week; a class in domestic science meeting on the days between. Some preparation is required outside of class. Each course named gives a one-half unit credit, but must be carried through a full year.

PLAIN SEWING. *One-half unit credit.*

Offered on alternate days throughout the year.

Straight-line pattern drafting, plain sewing by hand and machine. Underwear. Deposit, 50 cents.

DRESSMAKING. *One-half unit credit.*

Offered on alternate days throughout the year.

Designing of dresses in color and style, pattern drafting, dress-making with wash materials.

Domestic Science.

FOODS. *One-half unit credit.*

Offered on alternate days throughout the year.

Household physics, food principles, the application of heat to foods, food selection and preparation. Laboratory fee, \$2.

SERVING. *One-half unit credit.*

Offered on alternate days throughout the year.

Economic problems concerning foods and their service. Cooking and serving. Laboratory fee, \$4.

LABORATORY FEES.

Pupils purchase their own thermometers and laboratory guides. Girls intending to take work in household science should come equipped with proper clothing for it. Only laundered waists are permitted in the laboratory. A girl should have at least one white shirt-waist suit and at least two white princess aprons, two 18-inch-square hand towels, two white holders, 6 x 8 inches, and two pairs of perfectly plain white half-sleeves.

SHORT COURSE.

A special course of a year's duration is offered to students who are looking forward to rural-school teaching, and who are perfecting themselves with that end in view alone, planning to take the special recommendation of proficiency in rural teaching, signed by the Principal and the Professor of Rural School Administration. The work of the year includes four heads, each of which is studied for ten consecutive weeks, and always in the following order: Foods, sewing, general household efficiency, and methods for rural teaching. If undertaken at all, the entire year's work must be completed.

FOODS AND SEWING. *One-half unit credit.*

Summer Term, First Semester, and second half Second Semester.

This course corresponds somewhat to course 10 as outlined in the college work of this department. It deals very concisely with food principles, their sources, their use in the body, their treatment under the influence of heat and in combination. It also deals with the food

value of the foods prepared and with their proper serving. The course in sewing, offered during the second half of each semester and during the Summer Term, deals with the general principles of hand sewing and garment finishing, straight-line pattern drafting, plain garment making, machine work, and some study of good lines and color. Laboratory fee, \$3.

HOUSEHOLD EFFICIENCY AND METHODS FOR RURAL TEACHING.

One-half unit credit.

Summer Term, and Second Semester.

Under the head of Household Efficiency are studied household conditions as affecting the health and comfort of the family and community, furnishings of the home, step saving, household appliances, accounts, and a general study of the household in its relation to the family and the housewife. The course in methods for rural teaching deals with the special problems met with by the rural teacher—methods of the presentation of household art subjects to the rural community, club work among girls and housewives, equipment possible in a single schoolroom, and what may be taught with equipments costing \$1, or \$5, or \$10, respectively. Lesson plans for rural schools and rural-school lunch problems are discussed.

Drawing.

The courses of art education in the Secondary School aim to familiarize the student with fundamental art principles, so that he may apply them to the problems of everyday life, likewise to create in him a love for the beauties of nature and an appreciation of all art forms.

ELEMENTARY FREE-HAND DRAWING I. *One-half unit credit.*

Summer Term, and each Semester.

This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of free-hand drawing in outline from models—forms of pottery, books, boxes, plants, trees, buildings, etc. The materials used are, pencil, charcoal, colored crayons, white and tinted papers, blackboard. Silhouette drawings of flowers, trees, animals, and the human figure in action are made with brush and India ink. This course includes simple problems in design, as surface patterns and borders applied to wall papers, book covers, rugs, etc.; also, a working knowledge of perspective principles, both free-hand and mechanical.

ELEMENTARY FREE-HAND DRAWING II. *One-half unit.*

Summer Term, and each Semester.

Prerequisite, free-hand drawing. This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of principles of perspective as applied to the drawing of objects in values (light and shade) with charcoal and pencil on white and tinted paper, also on blackboard with chalk and charcoal. Further study of design, including color harmonies; also decorative treatment of letters of the alphabet, landscape and plant forms.

ELEMENTARY WATER COLOR. *One-half unit.*

Each Semester.

This course will require Elementary Free-hand Drawing I and II as prerequisites. There will be a daily study and criticism of painting with water colors from still-life models and plant forms. Some attention is given to landscape painting.

BLACKBOARD ILLUSTRATION AND PRIMARY HAND WORK. *One-half unit.*

Summer Term, and each Semester.

Elementary Free-hand Drawing I is a prerequisite for this course. There will be four recitations per week, while an hour a day is required for study. It consists of practice in blackboard illustration, using chalk, charcoal and colored crayons. Attention will also be paid to primary water color, design weaving, modeling, paper cutting, and other practical hand work for use in the lower grades.

English.

The aim of the English course is twofold: First, upon the completion of the course the student is expected to be able, both in oral speech and in writing, to express his own thoughts and feelings with a fair degree of accuracy; second, it is hoped that he will have learned to read and to enjoy good literature. The study of literature and practice in composition are continued side by side during the three years of required work, considerably more time being given to developing the powers of thought and expression than to dwelling overmuch on appreciation of literary gems of the past. A large share of attention is paid to oral composition, primarily for its own sake, rather than because of its important relation at times to the written work required.

The three years of required work is divided into six courses of one semester each. One day a week throughout the entire three years is given to outside reading and is designated "Library day." Fourteen weeks each in the second, third and fourth semesters are devoted to composition work, and six weeks given to the study of classics. Throughout the course the composition work is based on *The New Composition-Rhetoric*, by Scott and Denney. One unit of the required work in English may be taken in strictly oral work, the choice of the courses to be made in consultation with some member of the English Department.

ENGLISH I.—GRAMMAR AND COMPOSITION. *One-half unit credit.*

Summer Term, and each Semester.

The work of this course is divided into two sections: the one, for those intending soon to teach in the rural schools, in which is given a thorough knowledge of the fundamentals of grammar and composition, together with methods and suggestions as to the presentation of this work to beginners; the other to give a thorough drill in the mechanics of English, consisting of exercises in oral and written composition. Special attention is here given to the use of capitals and punctuation marks, and to the selection and use of the correct word and phrase. The aim is to get the pupil to express himself freely and accurately. Text, Scott & Southworth's *Lessons in English*, Book II.

ENGLISH II.—NARRATION AND DESCRIPTION. *One-half unit credit.*

Summer Term, and each Semester.

Throughout this course the emphasis is placed on oral and written composition, the aim being to produce freedom and spontaneity of expression. Much time is given to the reading and discussing of themes in the classroom, and the student is called to frequent consultations upon his written work. The structure of the sentence receives special attention, and no student is allowed credit for the course who is unable to speak or write a clear, forceful sentence.

The student derives his inspiration for his work in composition from his own experience rather than from books, the aim of the work in literature being always to create and stimulate an enthusiasm for reading. The work in narration is illustrated by such

models as Warner's *How I Killed a Bear*, the stories of Seaton Thompson, and by the short stories of several American writers. A study of Stevenson's *Kidnapped* closes the course.

ENGLISH III.—EXPOSITION. *One-half unit credit.*

Summer Term, and each Semester.

This course presupposes a knowledge of sentence structure and of the paragraph as a unit. In the composition work of this semester emphasis is largely placed on oral or written explanations of anything in which the pupil himself is much interested. Paragraph development is then stressed by studying models and writing original paragraphs. Probably the most important part of the work is the study of the whole theme. There is a close study of the gathering of material, the making of outlines, and writing from outlines.

Illustrative material is taken largely from current magazines and modern essays. A large number of copies of *The Technical World*, *The Popular Science Monthly*, and of the Boston series of pamphlets on Vocational Training have been secured as material for the pupils during this semester. They are shown how the most virile writing of to-day is being converted into channels of trade publications and the like, and are taught modern English rather than balanced or periodic sentences. Library day is now taken up with such work as that just described.

ENGLISH IV.—ARGUMENTATION. *One-half unit credit.*

Summer Term, and each Semester.

Training is here provided in the organization and effective presentation of debate and of written argument. The preliminary work consists of the practice in oral composition necessary to debate and of the study of the principles of argumentation. Illustrative material is found in arguments which commonly arise in the affairs of men and in arguments from the newspapers of the day. The work is based on Scott and Denney's *Composition-Rhetoric*, which after the first few weeks is used for reference only.

The student then becomes a participant in a debate upon the points at issue between England and her colonies during the Revolution. Burke's *Speech on Conciliation*, in its proper historical setting, is studied as a part of this great debate. The pupil is led to the discovery of the source of Burke's strength in debate, that he may profit by his discovery in the application of the principles to his own debate.

Each student is assigned, as a member of a debating team, to a subject of interest in the public affairs of his day. Several speeches of public men of the present are studied in comparison with Burke's speech. In the preparation of his debate, each pupil is trained in the use of the reference library, in a system of note taking, of organization, and in effective presentation. The course culminates in the formal debate and the presentation of a written argument. Emphasis in the course is always on the side of efficiency on the part of the student in writing or in speaking so that others are convinced and persuaded to action.

ENGLISH V.—ENGLISH LITERATURE. *One-half unit credit.*

Summer Term, and each Semester.

Long's *English Literature* is used as a guide in studying the literature of the English people from the time of the Anglo-Saxons to the Age of Romanticism. Many selections illustrating the literature of the different periods will be studied in class, and many assignments to the individual pupil will be made of books on which he is to report to the class. Little attention is given to chronology and

philology, the writings of the authors receiving the major part of the time. This, like the succeeding course, is primarily a reading course.

ENGLISH VI.—AMERICAN LITERATURE. *One-half unit credit.*

Summer Term, and each Semester.

Here, as in the preceding course, the textbook is used merely as the basis for class readings. Wherever possible attention is drawn to worthy contemporary works. The pupil is encouraged to browse in the literature of modern art, journalism, music, etc., the central idea being to show as far as possible the resources of American culture, and to develop pride, curiosity, and some discrimination in the literature of our own nation. Text, Matthews' Introduction to American Literature.

PUBLIC SPEAKING. *One-half unit credit.*

Summer Term, and each Semester.

This course is designed to meet the needs of two classes of students: those who wish further opportunity for development in public speaking than that offered by the course in argumentation and debate, and those who find exceptional difficulty in expressing themselves in oral composition. The course affords training in the art and manner of speaking. Preparation for speaking is made through training in selection of material, in organization of material, and in study of the various means of development. The aim is to develop a consciousness of the structure of the oral sentence and of unity in discourse.

Geography.

PHYSIOGRAPHY. *One-half unit credit.*

Summer Term, and First Semester.

A study of land forms and of the atmosphere, of the agencies that have affected the earth's features or that are now changing them. Attention is always given to geographic influences upon life and upon history. The laboratory work consists of the study of topographic maps, visits to the museum, and field trips.

POLITICAL GEOGRAPHY. *One-half unit credit.*

Summer Term, and First Semester.

A general course in common-school geography, made more intensive than is ever possible in the grades. This course is a study of the most important countries of the world. Emphasis is laid on the physical basis for the development of the agriculture of any nation, and a knowledge of natural resources as a basis for industrial development. Many special references are given.

COMMERCIAL. *One-half unit credit.*

Summer Term, and Second Semester.

A study of the world's chief commercial commodities and the factors influencing their production, distribution and development. Text, Robinson's Commercial Geography.

REGIONAL. *One-half unit credit.*

First Semester.

Prerequisite, Physiography, Political Geography, or Commercial Geography.

The physiographic features of the continent, the natural resources, and the influence of the physiography upon the history and development of the people. Upon request of a sufficient number, a class in the regional study of either North America or Europe will be organized.

Government and Economics.

A practical and, as far as possible, a first-hand acquaintance with the actual working of our government in its local, state and national phases is the aim of this work. It is felt that the student can begin to study most intelligently that form of government which he sees in daily manifestation close at hand. As a consequence he begins with the township and city. A study of their government acquaints him with many things connected with the state government. This, in turn, gives him a basis which enables him to interpret what he finds in the national government. The fact that our government is constantly changing is kept before the classes in this work, by careful attention to newspapers and magazines in their discussions of various problems and how they are being dealt with the various departments of our government.

GOVERNMENT. *One-half unit credit.*

Summer Term, and each Semester.

The work begins with a short study of township government in connection with conditions in rural communities. City government is then taken up; some of the problems of cities are studied in connection with visits to the city offices. This is followed by a more extended study of the county government. Here again the classes visit the offices they are studying. The remainder of the term is devoted to the state government. The second term of the semester takes up the historical development of the constitution of the United States, followed by a study of the legislative, executive and judicial departments of the national government. By careful division into legislative, executive and judicial groups, the members of each class are given a better insight into the actual processes of legislation and administration.

COMMUNITY CIVICS. *One-half unit credit.*

Summer Term, and Second Semester.

Elective. This course may be substituted for course 1. The feeling that merely studying the constitution does not help much to make good citizens has long been growing. One test of the value of a subject in the high-school curriculum is how it functions in the life of the students. The State Normal Secondary School was probably the first in the state to offer this work in community civics. Most earnest efforts are made to have the student see the importance of local regulations and his relation and responsibility in connection with them. He lives his life in a community; he should know what it demands of him and what he should expect from it.

The work of this course consists of a study of local affairs. It is conducted by personal visits and investigations. In every possible way the members of the class are given an opportunity to see how local community and governmental affairs are actually carried on. The court room, the city and county offices, the streets and roads, the waterworks, etc., are the laboratories for this work. Local government, *i. e.*, township, city and county, receive most careful consideration. The state and national governments come in for attention near the close of the semester in the group work described above in course 1. Special problems, such as franchises, municipal ownership, health regulation and immigration, are studied by the debate method. The aim of the course is to turn out citizens who will have an active interest in the affairs of the communities into which they may go.

American History.

COLONIAL AND REVOLUTIONARY. *One-half unit credit.*

Summer Term, and each Semester.

The founding of the republic, 1492-1817. The most important discoveries and explorations, with the European conditions leading up to them, are considered extensively. Virginia and Massachusetts are studied thoroughly as types, the other colonies only in their contributions to later movements and institutions. Both the Revolutionary War and the War of 1812 are studied from the standpoint of cause and effect. Particular emphasis is placed on the social and political development of the colonies and states during this period. Text, Muzzy's American History.

THE NATIONAL PERIOD. *One-half unit credit.*

Summer Term, and each Semester.

This course covers the period from 1817 to the present time, and deals with the development of national policies, with the struggle between national and state interests, and with the social and political problems leading to the Civil War. Emphasis is laid on the cause, result and principal events of this war. Reconstruction and its problems are studied from the standpoints of both the North and the South, and students are sometimes referred to the text in American history officially approved by the Confederate Veterans' Association, that they may see how the men of the South looked at national policies during the days of struggle and now. The major part of the last half of the course is devoted to events of recent years, as Spanish-American War, colonial possessions and their problems, civil service, immigration, Panama canal, trusts, and changes in political parties. Text, Muzzy's American History.

CURRENT EVENTS. *One-half unit credit.*

Summer Term, and each Semester.

The department has found this course essential to students of high-school age. These students often have only textbook knowledge and care little for reading of the conditions and problems of the present time. This course gives them an opportunity to become interested in topics of general knowledge and culture. The course is based upon articles in the leading newspapers and periodicals, and is not confined exclusively to historical subjects but to all items of general information.

European History.

ANCIENT HISTORY I AND II. *One-half unit credit.*

Throughout the year.

This course offers a careful elementary treatment of men and events from the time of the earliest authentic records through the rise and fall of Egyptian, Babylonian, Assyrian, Persian, Athenian, Macedonian and Roman supremacy and up to the time of Charlemagne in western Europe. The development and significance of Christianity is given special attention.

MODERN HISTORY I AND II. *One-half unit credit.*

Throughout the year.

This course deals with the nationalization of France, England, Spain, Holland, Germany and Italy; with the Holy Roman Empire; with the rise of the Papacy, the Renaissance and the Reformation. The industrial and political revolutions come in for considerable attention; and here again the church developments and difficulties are carefully studied in a way suitable to this grade of work.

ENGLISH HISTORY. *One-half unit credit.***First Semester:**

This course completes the survey of European development. It will serve as a review of Continental history and as a preparation for American history. Its chief interest is found in its constitutional aspect. Self-government, the ideas of representation and of local control, the fundamental practices and principles of English constitutional government, not only express the true national life and character of the English people but serve to explain the political institutions of the United States and give an appreciation of what America means.

Latin.

The study of Latin is a continued study of our mother tongue. Aside from being basal to the English language, it affords the best possible preparation and introduction to the study of any other modern language, as French, German or Spanish. No better means of training the mind in correct processes of reasoning or of reaching careful and accurate conclusions can be secured than through the proper study of Latin. Like mathematics, it is fundamental in the processes of learning. Every grammar-school teacher should have a knowledge of this subject as an unfailing aid in the correct understanding and teaching of word analysis and English grammar. Every prospective high-school teacher should study Latin for its general broadening, educative value. Every superintendent, moreover, should at least be acquainted with high-school Latin, in order that he may have at first hand the requisite knowledge for the most intelligent arrangement and direction of his courses of study.

In the following courses the needs of prospective teachers in the upper grades and in high school are kept constantly in view. The work is vitalized by correlation with English, history and literature. The use of pictures, models and lantern views enlivens the routine of the classroom. One unit is the minimum to be counted for graduation, or a certificate.

BEGINNING LATIN I. *One-half unit credit.*

Summer Term, and each Semester.

Half of Whittemore's *Beginner's Latin Book*, the state text, is completed in the semester. Courses I and II aim to secure a mastery of the elements of Latin form, declension, conjugation, comparison, and the fundamental rules of Latin syntax, together with the acquisition of an adequate vocabulary for the reading of short continuous passages. A class in course I will be offered the last half of the second semester when a sufficient number of students request it.

BEGINNING LATIN II. *One-half unit credit.*

Summer Term, and each Semester.

Whittemore's *Beginner's Latin Book* completed. Especial attention is given to the subjunctive. Class work is supplemented by Bennett's *Grammar*.

CÆSAR I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, courses I and II. Introduction to extended translation. Books I and II. A thorough drill in syntax, with the stress placed upon the use of cases. Walker's *Cæsar*; Bennett's *Latin Grammar*; Bennett's *Latin Writer*, lessons 1 to 21. Study of military campaigns.

CÆSAR II. *One-half unit credit.*

Summer Term, and each Semester.

Books III and IV. Study of campaigns. Bennett's *Latin Writer*, lessons 21 to 44. Sight assignments. Syntactical study emphasizes the various uses of the subjunctive.

CICERO I. *One-half unit credit.*

Summer Term, and each Semester.

Bennett's or D'Ooge's text. Four orations against Catiline. Bennett's composition. Special attention given to the style of the orator. Outlines of the orations. Study of conditional sentences. Prerequisite, two years of Latin.

CICERO II. *One-half unit credit.*

Each Semester.

Manilian Law, Marcellus, and Archias. D'Ooge's composition and original exercises in prose. Study of magistracies, senate and assemblies.

VIRGIL I. *One-half unit credit.*

Summer Term, and each Semester.

Bennett's text. Translation of books I to III, inclusive. Mastery of the dactylic hexameter. Supplementary mythology. During this and course eight papers of a research nature or notebook work will be required, at the discretion of the instructor.

VIRGIL II. *One-half unit credit.*

Each Semester.

Translation of books IV to VI, inclusive. Supplementary mythology. The author's place in literature. The *Æneid* as a whole.

Manual Training.

Major courses in Manual Training may be arranged for pupils wishing to prepare especially to teach this work. Those expecting to become candidates for the Manual Training Certificate, in addition to the regular certificate, should be prepared in free-hand drawing in addition to the required manual training courses, and should do at least one term of their practice teaching in manual training. Every opportunity will be offered to pupils to aid them in preparing as thoroughly as the time will permit for teaching this subject. Candidates for certificates of special proficiency, or those majoring in agriculture, physics or mathematics may elect such work as will be best suited for their needs, but in all cases the order of sequence should be followed except where conditions make a different order permissible or advisable. Additional courses will be organized as the demand may call for them, to meet the requirements of students.

ELEMENTARY MECHANICAL DRAWING. *One-half unit credit.*

Summer Term, and First Semester.

A course in the elements of mechanical drawing, including exercises in the use of instruments, geometric constructions, free-hand lettering, orthographic projection of simple solids at various single angles, and the application of orthographic projection in making working drawings, tracings and blue prints.

ADVANCED MECHANICAL DRAWING. *One-half unit credit.*

Summer Term, and Second Semester.

A continuation of the above course, giving practice in orthographic projection of more complicated objects, and in double angles; surface developments, sections, isometric and cabinet projections, shadows, and some application of the principles of practical drafting.

ELEMENTARY WOODWORK. *One-half unit credit.*

Summer Term, and First Semester.

A course in wood construction suited to the intermediate and lower grammar grades. Work with tools at the bench will be required. Simple models selected to illustrate and give practice in the use of the common woodworking tools will be made.

ADVANCED WOODWORKING. *One-half unit credit.*

Summer Term, and Second Semester.

A continuation of the above course, dealing with models appropriate for the grammar grades. Work requiring greater skill in the use of tools will be selected, and students will be expected to plan and execute several original or adapted models, in addition to those in an assigned course.

JOINERY. *One-half unit credit.*

Summer Term, and First Semester.

A course beginning with a series of joint exercises illustrating the common joints in wood construction and continuing into the application of some of these in appropriate models.

CABINETMAKING. *One-half unit credit.*

Summer Term, and Second Semester.

A course in advanced woodworking, dealing with models requiring more accurate use of the tools. Some attention will be given to the lines and decorations, with the methods of securing pleasing effects through wood combinations, inlaying and simple carvings.

WOOD TURNING. *One-half unit credit.*

Summer Term, and First Semester.

A beginning course in wood turning, with instructions on the care and uses of the lathe; practice in the sharpening of the usual turning tools—chisels, gouges, parting tools, etc. The students will be required to make a series of exercises between centers on the lathe, beginning with the cylinder, through progressive modifications, showing the characteristic uses of the tools; followed by the turning of several useful pieces for further practice in the uses of the lathe.

ADVANCED WOOD TURNING. *One-half unit credit.*

Summer Term, and Second Semester.

A continuation of the above course, giving further study to the lathe and its uses, including problems in hollow turning, faceplate and chuck work, as illustrated in the making of rosettes, boxes, goblets, etc.

PRIMARY HANDWORK. *One-fourth unit credit.*

Summer Term, and second half Second Semester.

A course offered for pupils wishing to prepare to teach handwork in the lower grades in connection with their regular grade work. This course deals with projects requiring materials suited to the first to fifth grades. Work in paper and cardboard construction, clay, reeds, raffia, weaving, etc., will be given, together with some problems in thin wood and coping saw construction.

Mathematics.

REVIEW ARITHMETIC. *One-half unit credit.*

Summer Term, and each Semester.

The emphasis in this course is upon mechanical skill in the fundamental operations and ability to apply them in the ordinary problems of arithmetic. Drill in the fundamental operations with integers and fractions, common factors and multiples, and square root. The tables of denominate numbers, including the metric system. The fundamentals of mensuration, *i. e.*, area of a square, of a rectangle, parallelogram, triangle, trapezoid, and circle; volume of rectangular solid, pyramid, prism, cylinder, cone, sphere. Pythagorean proposition and its applications. Problems in analysis and

simple proportion, and general applications to concrete problems. Percentage and its general applications. Business applications of percentage, interest, commercial discount, bank discount, commission, taxes, insurance, stocks and bonds. Longitude and time.

BEGINNING ALGEBRA I. *One-half unit credit.*

Summer Term, and each Semester.

The motion of general number developed through formulas, *e. g.*, $i = prt$, $d(\text{distance}) = rt$, etc. Positive and negative numbers, their sum and their difference. Exponents and their laws, the four fundamental operations. Linear equations in one variable. Applications. System of linear equations. Graphs.

BEGINNING ALGEBRA II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, Beginning Algebra I. Special types of products and quotients. Factoring. The solution of equations by factoring. Common factors and multiples, thus giving a review of factoring. Fractions. Fractional equations. Square root of expressions and arithmetic numbers. Surds. Simplifying the types.

$$\sqrt{a^2b}, \quad \sqrt{\frac{a}{b}} \quad \text{and} \quad \frac{c}{\sqrt{a} \pm \sqrt{b}}.$$

The simple facts of imaginary numbers necessary to the quadratic equation. Quadratics solved by the three methods, and applications. Ratio, proportion and variation.

PLANE GEOMETRY I. *One-half unit credit.*

Summer Term, and each Semester.

Text, Wentworth-Smith Plane and Solid Geometry. This course should cover the material given in the text to the exercises at the close of book II.

PLANE GEOMETRY II. *One-half unit credit.*

Summer Term, and each Semester.

Special attention is given in this course to training in methods of attacking exercises and in exercises in mensuration. Prerequisites, Algebra and Plane Geometry I.

ADVANCED ARITHMETIC. *One-half unit credit.*

Each Semester.

Prerequisites, Algebra and Geometry. This course is not a review of elementary arithmetic, but presents the reasons underlying the fundamental processes and gives a somewhat comprehensive grasp of number laws and their applications. The fundamental notion of number and the measuring process. The fundamental processes, including square and cube root, explained, and also their connection with our system of notation. The relations between factors and product, and dividend, divisor and quotient; also tests for divisibility and checks by casting out nines explained. The processes with fractions, both common and decimal, made rational as applied to quantities. A general treatment of analysis and proportion. Percentage and its application. Business applications. Mensuration of surfaces and solids. Longitude and time. The arithmetical and geometric series.

Modern Languages.

Language study belongs to the Secondary School rather than to the College, because it calls to a great extent for memory and imitation. The pupil will save time in the end by devoting as early a period of his school life as possible to language study, and by leaving the sciences to a relatively later period. The drill in accuracy, observation and analysis required in language work will be a strong aid in later work in science.

The study of a foreign language has one or more of three main values: disciplinary, cultural, and practical. To give a sentence correctly in a foreign language requires accuracy and rapidity of thought, close observation, and careful analysis of both foreign and native language, for each word must be correct in itself and have the proper place in relation to other words in the sentence.

FRENCH.

French is an elective subject throughout the course, and one unit of it will be offered, organized along the lines of the German courses which follow, as the demand for them arises.

GERMAN.

Aside from the cultural and disciplinary value which the study of any language possesses, the practical side of German is easily apparent. The ability to express one's self in a foreign tongue is a power, and our courses are planned to give the students such power. In commercial life, the salesman is enabled to understand the habits and thoughts of the buyer. For one traveling in Germany the ability to speak the language of the country saves time and money and doubles the pleasure of the trip.

Besides classroom work, a German play will be given annually. The students always find this well worth while, on account of the careful drill in pronunciation and the feeling gained that the language is real and alive. A German club will meet once a week to give the pupils in the department a social hour together, such as the German people themselves enjoy at their coffee hour.

ELEMENTARY GERMAN I. *One-half unit credit.*

Summer Term, and each Semester.

Gronow's *Jung Deutschland* to lesson 45. Allen's *Daheim*.

ELEMENTARY GERMAN II. *One-half unit credit.*

Each Semester.

Gronow's *Jung Deutschland* and Allen's *Daheim* completed. The central idea of this work in the first year of German is to introduce the pupils to a foreign language in the easiest and most natural way, *i. e.*, by speaking and hearing it. The composition work will consist mostly of simple original sentences, gradually working into complex sentences.

CONVERSATION AND COMPOSITION I. *One-half unit credit.*

Each Semester.

Bacon's *German Composition* to lesson 21. Volkmann's *Kliene Geschichten vom Rhein*.

CONVERSATION AND COMPOSITION II. *One-half unit credit.*

Each Semester.

Storm's *Immensee*, Bacon's *German Composition* completed, and Wildenbruch's *Das edle Blut*. The conversation will be based on the reading, the object being to teach the students to get the contents without translation. The paragraph will be developed during this

year in both conversation and composition. As a test of thoroughness of the work idiomatic English translations will be called for as needed.

CONVERSATION AND READING. *One-half unit credit.*

First Semester.

Fulda's Unter vier Augen, Riehl's Der Fluch der Schönheit, Bacon's Im Vaterland.

SCHILLER. *One-half unit credit.*

Second Semester.

The first half of the year will contain a summary of the elements of German grammar, worked out in conversation and composition. Im Vaterland will be used for conversation only, and is valuable as a means of bringing the student in close contact with everyday life in Germany. The second half year will be a study of Tell as a German classic.

Music.

ELEMENTARY MUSIC. *One-half unit credit.*

Summer Term, and each Semester.

This course introduces all the essential rudiments, and aims at ability to read music in the treble clef, accurately, at sight.

INTERMEDIATE MUSIC. *One-half unit credit.*

Summer Term, and each Semester.

Elementary music, or its equivalent, required for admittance. This course introduces more difficult music, bass clef, and four-part singing.

GIRLS' CHORUS. *One-fourth unit credit.*

Summer Term, and each Semester.

Prerequisites, Elementary and Intermediate Music.

Rehearsals twice a week for twenty weeks, including drill on four-part choruses for girls' voices and production of an operetta or cantata.

MEN'S CHORUS. *One-fourth unit credit.*

Summer Term, and each Semester.

Rehearsals twice a week for twenty weeks for the study of four-part choruses for men's voices.

Private instruction in voice and piano may be obtained upon application to head of the department. Rates, \$13.50 to \$18 per term of eighteen lessons, for which one-fourth unit of credit is granted.

Physical Training.

Gymnasium Fee.—A small charge of one dollar is made each semester for the use of locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fee.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer term alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation gymnasium costume will be worn in the classes, and will consist of a white sleeveless shirt, full length Turner or Y. M. C. A. trousers, and the regulation gymnasium or tennis shoes. The suits may be had of local firms for a maximum price of three dollars. In order that costumes may be uniform, students are advised to make their purchases after arrival.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit, and broad-toed tennis shoes. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report at the Director's office, where second-hand suits of outgoing students will be sold for about four dollars, or where new ones may be ordered for five dollars. Only regulation suits will be allowed on the floor.

FOR MEN.

The student in the Secondary School of the Kansas State Normal has an ideal opportunity for education in physical training. He has access to one of the finest gymnasiums in the state. In this building, with its patent running track, four basket-ball floors, two apparatus floors, wrestling, fencing and boxing rooms and swimming pool, are eight fully trained instructors, two of whom have special charge of the work for the Secondary School.

Adjoining the gymnasium is the best athletic field in the state, with a cinder quarter-mile track and a two-hundred-and-twenty-yard straight-away, a football field, four baseball diamonds, and nine tennis courts. One section of this field is set aside for the use of the girls, and is equipped for playground ball, cross ball, soccer and other courts for outdoor sports.

The students of the Secondary School have their own athletic association, and put out teams in all the major sports. These teams have the advantage of professional instruction by college coaches and are generally successful. Last year the association adopted as their honor letter a six-inch block "N" which is given to men who distinguish themselves in athletics.

The requirement of all pupils is three hours a week for four semesters. The credit given for this will count as half a unit toward graduation.

As the work in physical training varies with the season, the semester is divided into two terms of ten weeks each. Work must begin upon entering school, and the student is required to complete it during the first two years of his course unless he is excused by the Physical Director, in which case he must make up the work before graduation. Of the required work, two teams each year must be in class gymnastics. The student may elect the terms in which he makes his gymnastic requirement. During the other two terms he may elect work in any athletic sport that is offered. As the midwinter terms are best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

Students in rapidly moving classes must do two years' work in physical training, or if in school less than two years must do work while in residence, to graduate.

2.—ELEMENTARY GYMNASTICS.

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3.—INTERMEDIATE GYMNASTICS.

Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling.

4.—ADVANCED GYMNASTICS.

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. To each member of the class who is able to pass the examination in exercises on the parallel bars, horizontal bar, side horse, flying rings and tumbling mats is given an emblem, consisting of two bars and a diamond made of old gold felt, which is to be worn on the white gymnasium shirt over the left breast. To those of this class who are not able to do the most advanced work but can pass the examination in the more simple exercises, the two bars without the diamond are given. Crowning the emblem is a crescent of the same material, which is given to advanced students who are majoring in physical training and are able to conduct classes through the regular day's order. Students trying for the emblem must wear the regulation gymnasium suit, which must be clean and in good condition.

8.—FOOTBALL.

Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

9.—SOCCER FOOTBALL.

Given during second and third ten weeks. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.

10.—BASKET BALL.

Classes are organized each term of the year. The A. A. U. game is taught to elementary classes and the intercollegiate game to the first and second teams. An interclass series is played during the third ten weeks.

11.—BASEBALL.

Given during the first, fourth and fifth ten weeks. Individual and team practice. The squad is divided into teams graded according to ability.

12.—TRACK AND FIELD ATHLETICS.

Given during fourth and fifth ten weeks, only to men in good physical condition as shown by physical examination. Cross-country running is given during the third and fourth ten weeks.

13.—TENNIS.

Given during first, second and fifth ten weeks. Tournaments in both singles and doubles are held during first and fifth ten weeks.

14.—SWIMMING.

Elementary and advanced instruction is given during each term of the year.

FOR WOMEN.

The aim of this department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and symmetrical development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual

needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playground, athletics, games, and folk dances.

Required. Three periods of work per week in gymnastics, athletics, or other elective work during the first two years of work in residence. One-half unit credit. Of this requirement, one-fourth must be in athletics or other elective work, but the other three-fourths must be regular gymnasium class work, which consists of marching tactics, free-hand or light hand-apparatus exercises, games or fancy steps. A semester of gymnastics must be completed before a student may substitute elective work.

2.—ELEMENTARY GYMNASTICS.

Required of all beginners. Three periods a week for ten weeks.

3.—INTERMEDIATE GYMNASTICS.

Required of all students who have completed course 2. Three periods a week for at least twenty weeks.

4.—ADVANCED GYMNASTICS.

Open only to students who have passed course 3 with high grades and are physically adapted to apparatus exercises.

7.—CORRECTIVE GYMNASTICS.

Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.

8.—OUTDOOR SPORTS.

Open to all students who have completed two terms of gymnastics. Three periods a week, in the spring and fall terms. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics, and relay racing.

9.—SOCCER.

Open to students who have passed twenty weeks of gymnastics. One period a week for the fall term.

10.—BASKET BALL.

Open only to students who are physically qualified and who have completed course 2. One period a week.

11.—BASEBALL. One period a week in the spring term.

12.—HOCKEY. One period a week in the spring and fall terms.

13.—TENNIS.

Open to all students having a privilege of electing athletics. One, two, or three periods a week.

14.—SWIMMING. One lesson a week is allowed each student.

26.—ÆSTHETIC DANCING (ELEMENTARY).

Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized and is now considered one of the most important phases of gymnastic exercises.

27.—FOLK DANCING (ELEMENTARY).

One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.

28.—ÆSTHETIC DANCING (INTERMEDIATE).

Open to all students who have completed course 26.

29.—FOLK DANCING (INTERMEDIATE). One period a week.**35.—INDIAN CLUBS.** One period a week.**36.—CROSS BALL.** One period a week.

Physics.

PHYSICS I. *One-half unit credit.*

Summer Term, and each Semester.

Properties of matter, motion; characteristics of liquids and gases, work, energy, and heat. The needs and interest of the pupil are kept constantly in mind. The subject is adapted to the pupil instead of adapting the pupil to the subject. During the year the class visits the ice plant, gas works, street railway and railroad car shops, foundry, steam and water mills, telephone exchange, water-works, heating and ventilating plants, and such other places of interest as opportunity offers.

PHYSICS II. *One-half unit credit.*

Summer Term, and each Semester.

Magnetism, electricity, sound and light. Students having special aptitude are given opportunity to do extra work, such as making motors and dynamos, batteries, erecting telephone and telegraph systems, and wireless telegraph stations. They study and test the efficiency of machines, hot-air and gas engines. An abundance of apparatus, selected with reference to the needs of the pupils, is used by the instructor in demonstrating the class work and by the pupils in the laboratory. Text, Millikan and Gale's First Course in Physics.

Physiology.

HYGIENIC PHYSIOLOGY. *One-half unit credit.*

Summer Term, and each Semester.

A good working knowledge of anatomy and physiology is given the student, but special emphasis is placed upon hygiene in all its phases. The pupil is taught those conditions that tend to the best development and health. To this end the subjects of food, circulation, respiration, excretion, exercise, athletics, etc., are considered with special reference to the needs of the individual. The cause, prevention and treatment of the more common diseases are quite fully treated. The aim of this course is to enable the pupil to care for his body properly rather than to commit to memory a large number of technical terms or even to be able to write a specified number of rules of health. Conn and Budington's Advanced Physiology and Hygiene.

Psychology.

ELEMENTARY PSYCHOLOGY. *One-half unit credit.*

Summer Term, and each Semester.

Psychology is taught from the point of view of the intending teacher, and as many as possible of the illustrations and applications of the various subjects discussed are drawn from the schoolroom and its problems. Pupils are asked always to draw their illustrations from their own experience, and to test and prove whether or not the deductions of the author studied are correct. Frequent practice in introspection is given. Text, Betts's *The Mind and Its Education*.

School Administration.

GRADES SCHOOL MANAGEMENT. *One-half unit credit.*

Summer Term, and each Semester.

This course will be open to students of the Secondary School who have had two or more years of experience as teachers in rural or graded schools, and to such students only. It will be conducted as a rapidly moving class. While this will be a general course, considering the work in both graded and ungraded schools, the emphasis will be placed on conditions as found in the village and small city school. Colgrove's *The Teacher and The School* will be used as a textbook.

RURAL SCHOOL METHODS AND MANAGEMENT. *One-half unit credit.*

Summer Term, and each Semester.

This course is organized for Secondary School students who expect to do more or less teaching before entering their college work. It consists of a study of school site and grounds, house and equipment, school hygiene and sanitation, preparation and personality of the teacher, first day, daily program, play and playgrounds, school government, school incentive, school ethics, the recitation, how to study, library and its use, agriculture in the country school, consolidation and rural-school problems.

The work in methods embraces the visitation of our Model Rural School and the discussion of methods of teaching in rural schools, laying special stress upon primary reading, language teaching, seat work, and nature study.

THE TRAINING SCHOOL.

Outline of Instruction.

The Training School offers a full elementary course, including kindergarten. A tuition of four dollars a year in the primary grades and six dollars a year in the intermediate and grammar grades is collected from each child in attendance. The state textbooks are used. The regular session for the primary grades is from 8:30 o'clock to 12:20; for intermediate and grammar grades from 8:30 to 12:20 and 2 to 3:30. A summer term of eight weeks is held, the daily sessions being from 8 to 12:20. Children in attendance take at least two hours' work, in addition to hand work and physical training.

The aim is to develop the whole child. To that end much play and recreation are employed. The physical condition of the children is ascertained and corrective exercises are given when necessary.

Students completing the elementary course are passed to the Normal Secondary School without examination.

Reading.

FIRST, SECOND AND THIRD GRADES.

Beginning work (without text); reading lesson based on nature study (purely observational and experimental); pictures, rhymes, stories, games, and other activities. Special attention to thought and expression, mechanics, including phonics and word study, drills, etc., growing out of the thought work. A large list of appropriate readers is used throughout the grades.

FOURTH GRADE.

Art Literature Readers, book four.

Baldwin's Fourth Reader.

Apple Blossoms.

Heart of Oak, book four.

Child Classics, book four.

Sight reading from juvenile magazines, papers and story books.

Dramatization.

FIFTH GRADE.

Heart of Oak, book five.

Baldwin's Fifth Reader.

Child Classics, book five.

Classics:

King of the Golden River, Ruskin.

The Griffin and the Minor Canon, Stockton.

Daffy-Down-Dilly, Hawthorne.

The Nuremburg Stone, Ouida.

A Dog of Flanders, Ouida.

Sight Reading.

Dramatization.

SIXTH GRADE.

Selections from the following:

Some Merry Adventures of Robin Hood, Pyle.
 William Tell.
 Rip Van Winkle.
 Daffy-Down-Dilly.
 The Great Stone Face.
 The Snow Image.
 Grandfather's Chair.
 Courtship of Miles Standish, Longfellow.
 Pied Piper of Hamelin, Browning.
 Grandmother's Story of Bunker Hill, Holmes.
 Birds of Killingworth, Longfellow.
 The Day is Done, Longfellow.
 The Huskers, Whittier.
 The Ruby Crowned Knight, Van Dyke.
 The First Snowfall, Lowell.

Oral reading: Fables; Fairy stories; The Horse Fair; St. Nicholas stories; Wagner Opera stories; Indian legends; Youth's Companion stories; Stories from classics, old and new; Child classics.

Home reading: At least two books each semester, with written and oral reports at Reading Club. These from selected list.

SEVENTH GRADE.

Literature:

Man Without a Country, E. E. Hale.
 Snow-Bound, Whittier.
 The Spy, Cooper.
 Just So stories, selections, Kipling.
 Jungle Book, Kipling.

EIGHTH GRADE.

Literature:

Treasure Island, Stevenson.
 Call of the Wild, London.
 Selections from Eugene Field.
 Selections from James W. Riley.
 Julius Cæsar, Shakespeare.
 Sohrab and Rustum, Arnold.
 Dramatization of Act III, Julius Cæsar.

Nature Study, Language, and Grammar.

FIRST, SECOND AND THIRD GRADES.

In the primary language lessons the time is devoted largely to oral expression. Oral lessons are planned that will strengthen the thought and enlarge the vocabulary. These lessons are based upon the nature work, and connected with pictures, stories and poems. Later, sentence forms must come to meet the needs of the increasing thought. Through the above work the children meet the mechanics of English, as, use of capitals for names, places, months, etc., beginning of sentences, lines of poetry, and subject of stories. Some of the marks of punctuation, as period, question mark, comma, after word in series, quotation marks, etc.

FOURTH GRADE.

Stories and myths of the Northlands.

The story of Siegfried.

Greek myths and legends:

Story of Iliad.

Story of Ulysses

Composition:

Oral and written. Based largely upon nature-study work, descriptions of plants, animals, etc.

Accounts of observations, experiments and excursions.

Reproduction of myth and story.

Poem study. Original rhymes written as group work or individual exercise.

Simple play written.

Friendship letters to absent schoolmates; notes of invitation.

Items for the school paper.

All work in formal language is based upon the actual needs of the class as shown by their oral speech or written compositions. The work which the needs usually demand is as follows:

Form, title, margin, capitals, punctuation.

Emphasis upon sentence divisions, sentence endings, . , ? ! and what each signifies.

Quotation marks in undivided quotation.

The use of comma in series, and in direct address.

Abbreviations.

Contractions.

Use of 's in the possessive.

Correct writing of titles of books and stories.

Correct use of difficult verb and pronoun forms.

FIFTH GRADE.

Roman history stories, centering interest around selected leaders and heroes. Correlated legends and myths. Early English history stories. The King Arthur legends. Detailed study of Sir Galahad. Pioneer stories of North America.

COMPOSITION, ORAL AND WRITTEN: Basis of work same as in the fourth grade. Continue exercises in punctuation as needs of the class show. All uses of comma, use of semicolon, brackets and quotation marks are taught. More emphasis is placed upon careful arrangement in story or composition, recognizing the paragraph as the unit of thought and noting natural sequence. Composition work planned to call for a great amount of original work, reports of games, contests, recitals, etc. Accurate, concise directions written out, telling just how to play a certain game, to make an article in manual training, etc. Original stories and plays written. Unfinished stories completed. Reports upon library reading relating to geography and history work written when needs of school require, as ordering pictures and books, renewing subscriptions to magazines, etc. Interesting events and news items are written up for the school paper. Exercises in alternative expression are given to direct attention to the form of their sentences and paragraphs.

SIXTH GRADE.

Oral; topical recitations:

Current events.

Story telling.

Reports of trips, etc.

Class discussions.

Written:

Description, narration, exposition, letter writing, social notes, poetry, plays, dictation.

Emphasis, thought, arrangement. Outlines of selections in literature and of supplementary readings in history and geography.

Class discussions, followed by making of outline, on topics from geography, history, nature study, literature.

Ideas; nature of, how received, how expressed, kind.

Words; use in expression of ideas, leading to the study of parts of speech.

Judgments; subject of thought, predicate of thought.

Sentences; as expressing judgments, necessary elements of.

SEVENTH GRADE.

Formal: Review of ideas; words as instruments of expressing ideas; judgments; sentences; sentences as expressing judgments. Introductory work with the following parts of speech: nouns, pronouns, adjectives, verbs, adverbs. Recognition of the kinds and parts of a sentence. Gender, number, simple work in case. Rules for punctuation reviewed in connection with composition.

Informal: Written work correlated with other subjects. Grammar notebooks. Original weekly compositions based on interesting events in and out of school. Dictation of poems.

EIGHTH GRADE.

Informal:

Composition work connected with other subjects.

Arithmetic; ways of investing money, ways of saving money, steps in establishing a bank, writing original problems, etc.

Grammar; writing a grammar for an eighth grade.

Literature; character sketches, descriptions.

History; written biographies, oral and written arguments of greatest interest, debates.

Civics; writing of ordinances, bills, etc.

Geography; descriptions of countries and their inhabitants, debates.

Original stories for school magazines.

Letter writing.

Reports for school paper.

Formal:

Sentence, defined and classified.

Parts of a sentence and modifiers.

Further study of noun and pronoun, recognition of nouns and pronouns, classification, number, person, gender and case forms.

Adjectives (word, phrase, clause), recognition in any part of sentence, value in expression, classification.

Adverbs (word, phrase, clause), recognition, value in expression.

Spelling.

FIRST, SECOND AND THIRD GRADES.

Words selected from the other work of the week, as language, geography, numbers and reading.

FOURTH AND FIFTH GRADES.

Words are taken from daily lessons. The use of the dictionary is taught. Children also make blank dictionaries, in which are kept for ready reference lists of words which have been misspelled in written work.

SIXTH GRADE.

Words chosen from other subjects; words missed in written work. Dictation lessons, testing ability to spell the word in its use.

SEVENTH AND EIGHTH GRADES.

Use the state text in spelling.

Geography.

Throughout the primary work, first, second and third grades, attention is given to life work and map work.

FIRST GRADE.

Life work is taught through outdoor trips, near the child, his home surroundings. The science lessons lead the way to geography. From these lessons, which enable the children to see clearly that which lies about them, they are led to picture the related unknown, developing power of imagination and interpretation. These lessons are supplemented by stories—Jane Andrews' Seven Little Sisters, and others similar—pictures, clay and sand modeling, and the making of posters. Map work. Lessons in size, color, form, position, distance, direction. The children become familiar with the terms over, across, up, down, left, right, front, back, etc.

SECOND GRADE.

Races of people and life work. Industries and occupations. Real and imaginary trips. Pictures. Stories taken from Jane Andrews' Ten Boys, and other similar stories. Map work. Location of the homes of these boys. Simple drawings of floor plans for houses, parks visited, etc.

THIRD GRADE.

Home geography and local geography. City, town or district and the surrounding county. Follow the phases of work, life work, and map work, making the life and work of the people lead to the need of a plan, or simple map of the same. Free use of pictures, blackboard drawings, excursions or observation trips, collection of illustrative material, stories, etc., to aid in making the work concrete. The state; show life work and map work. Simple work from a primary text the latter part of the year. Purpose to teach the children how to use the text. These lessons will be supplemented by outdoor trips, experiments, chalk, clay and sand modeling.

FOURTH GRADE.

Brief review of Kansas. Interest extended to other states and to the United States as a whole.

Globe study to show the locations of the continents with reference to Kansas.

Study of our American neighbors—Canada, Mexico and South America.

Selected countries of Eurasia—England, Germany, Holland, Italy, Greece, Switzerland, Russia, China, and Japan.

In studying these countries, the work centers around the industrial and social life of the people, their characteristics, their language, homes, schools, child life, etc., how they have solved the problem of living, their industries, and how affected by the climate and topography of the country. Descriptions of the places of interest to travelers, the cities, etc. Relation of each country to the United States; what they export to us and what we send them. Continuous map work done upon outline map. Relief maps modeled in sand. Much supplemental work. Texts, King's Primary Geography; Tarr and McMurry, book 1.

FIFTH GRADE.

North America. Detailed study of the United States. The leading physical features and industrial and commercial centers are studied as types. Lumbering in Maine, textile manufacturing in New England states and in the South, coal fields, iron manufacturing, cotton culture,

sugar-cane plantations, rice growing, the corn and wheat belts, ranching, mining centers, etc., are some of the topics around which center facts as to topography, climate, lines of transportation, etc. Special attention to cause and effect. Descriptive and commercial geography of Canada, Alaska, Central America, Hawaiian Islands, Philippines, South America.

SIXTH GRADE.

Eurasia, Africa, Australia. Latitude, longitude, ocean currents; effects of climate on people; effects of insular, oceanic, continental and mountainous environment on man.

SEVENTH GRADE.

North and South America. The United States in detail. Study causal geography. Mathematical geography. Planetary winds, cause and effect.

EIGHTH GRADE.

Commercial relations between North America and Europe, and South America, Asia, and other parts of the world. Transportation, interstate commerce.

History.

FOURTH GRADE.

Stories of Greek, Roman and Hebrew origin.

FIFTH GRADE.

American pioneer stories, and English history stories.

SIXTH GRADE.

The discovery and exploration of America, the events in England preceding and accompanying the colonization of America, growth of colonies, and French and Indian wars.

SEVENTH GRADE.

The American colonies and the United States up to 1825.

EIGHTH GRADE.

United States History:

1. The inauguration of our new government.
Problems arising, domestic and foreign.
2. Industrial development and growth of West.
Transportation, canals and steamboats.
Growth of manufactures and commerce.
Emigration to the west.
Social conditions, 1820; free and slave labor.
3. Political affairs.
Political parties.
Questions at issue.
Rapid growth of democratic sentiment and practice.
New parties and new party methods.
4. Foreign affairs.
Revolt of Latin America, the Holy Alliance, Monroe Doctrine, Texas, Mexican War, Mexican cessions.
5. Industrial and social progress.
Increase in production of raw material.
Labor-saving devices.
Steam railroad; Transatlantic steamers.
Foreign immigration; growth of West.
Educational and social progress.

6. State versus national sovereignty.
 Webster and Hayne debate.
 South Carolina nullification.
 Theories of Webster and Calhoun.
7. Slavery question and the Civil War.
 Powers of Federal government with reference to slavery.
 Pending questions.
 Secession movements.
 Civil War.
 Overthrow of the Confederacy.
 Reconstruction.
8. The New Union.
 Financial problems.
 Progress of industries and transportation.
 Political changes and reforms.
 Foreign affairs, Alabama claims, Hawaii, Venezuela boundary.
 Spanish-American War.
 Social and educational progress.
9. Present problems and political leaders.
 Tariff.
 Big business.
 Popular government.
 Political leaders and their platforms.

Civil Government.

EIGHTH GRADE.

City government, commission form of government:

1. Elective officers—mayor commissioner, commissioner of utilities, commissioner of finance; duties, powers, qualifications.
2. Laws governing city elections under commission government; candidate's petition; filing petition; elections; ballots; Australian ballot system of voting; term of office.
3. Organization of school into city and adoption of commission government naming city.
4. Election of commissioners; meeting of commissioners; application of appointive officers received and appointments made.
5. Passing of ordinances and franchise needed by school city.
6. Discussion of initiative and referendum; passing of ordinances by initiative of citizens.

State government of Kansas:

1. Preamble and important sections in the bill of rights.
2. Executive department, officers, parties, duties.
3. Legislative department, in what vested, number, how determined, term of office, qualifications, duties and powers, prohibitions, how laws are made.

United States government:

1. Growth of the Union.
2. Constitutional convention.
3. Study of three departments of National Government.

Numbers.

FIRST GRADE.

Expression. Reading and writing numbers from 1 to 100, suggested by pages in books, numbers on schoolroom doors. Roman numbers to XII. Signs $+$, $-$, and $=$. Counting. Counting by objects, by ones and by tens to 100. Counting by twos to 12. Counting by threes to 12. Addition and subtraction. Addition of any two numbers whose sum does not exceed 12. Also the corresponding facts in subtraction. Group work. Recognizing small groups without counting. Measures. Length—inch, foot, year. Liquid measures—pint, quart. Money value—cent, nickel, dime, dollar, half dollar, quarter of a dollar. Forms—square, circle, oblong, triangle. Solids—cube, sphere, cone, square and triangular prisms, cylinder. Construction work. Meeting problems through paper cutting, paper folding, cardboard work, use of blocks, making designs. Fractions— $\frac{1}{2}$, $\frac{1}{4}$, when related to a single object, a group of objects, and one object compared with another. Problems. Such problems as will interest the children on account of their immediate relation to child life and children's needs.

SECOND GRADE.

Review of first year's work. Expression. Reading and writing numbers to 1000. Roman numbers to XII. Telling time by hours and half hours. Signs $+$, $-$, $=$, \times , \div , $\$$. Counting. Counting by twos and threes to 20, by ones and tens to 100. Adding and subtracting. The forty-five combinations, including the corresponding facts in subtraction. Review for quick work the combinations and separations through 12. Develop and drill upon, for quick work, those between 12 and 18. Drill until the combinations can be given at sight. Drill on the tables of endings. Adding columns of three or four one-figure numbers during the first half of second year. Simple figure numbers during the first half of second year. Simple work in subtraction. The last half of the year teach subtraction, taking from the next higher order. Multiplication and division. The emphasis is placed upon addition and subtraction. The tables of twos, threes and fives, fours to 6×4 , tens to 10×10 . Measures. Continue the use of the first-year measures. Also use gallon, peck, bushel, pound, half-pound, thermometer, clock. Forms. Continued use, especially for comparison work and for judgment training. Construction work. Continue meeting problems through paper cutting, paper folding, cardboard work. Fractions—halves, fourths, thirds, fifths, as suggested in first year. Problems related to child life and needs. Games and their use in teaching numbers.

THIRD GRADE.

Expression. Reading and writing numbers to 10,000. Reading and writing and use of Roman numbers through XX. Reading and writing fractions in connection with the tables. Reading and writing dollars and cents. Addition. Review the forty-five combinations. At sight add any one-figure to any two-figure number. Also columns of three or four one-figure numbers. Addition of from four to six numbers, the sum not to exceed 10,000. Subtraction. Review the forty-five combinations. At sight subtract any one-figure from any two-figure number. Multiplication. Review the tables taught in the second grade, and introduce the children to the remaining tables through concrete work. In multiplication use but one figure as a multiplier. Division, short, using one figure as a divisor. Measures. Review the work of the second year. Compare pints, quarts, and gallons; quarts, pecks, and bushels; ounces and pounds; minutes, hours, and days; days, weeks, months, and years; square feet and square yards. Construction work, scaling, making boxes, garden plots, etc. Problems related to child life and needs.

Arithmetic.

FOURTH GRADE.

Amplification of third-grade work in subtraction and addition.
 Complete processes of multiplication and division.
 Measuring as needed by work of class—length, surface, weight, liquid and dry measure, time.
 Many practical problems relating to interests of children in home, school, and garden, and problems connected with geography and elementary science.
 Personal accounts.
 Simple fractions—concrete.

FIFTH GRADE.

Measurement. Linear—rod, mile; square—rod, acre, section; cubic—inch, foot, yard. Many practical problems. A cottage plan is drawn to scale. Many problems are based upon the building and furnishing of this house—painting, plastering, tinting, papering, carpeting, etc.—using local prices for material and work done.
 Area of triangle.
 Bills and accounts.
 Simple fractions.
 Introduction to decimal fractions through United States money.
 Simple percentage through records in contests, athletic events, etc.
 Many problems growing out of the work of geography and elementary science.
 Drills in fundamental processes kept up through the year.

SIXTH GRADE.

Addition, subtraction, multiplication, and division, for accuracy and speed.
 Bills and accounts.
 Measurement—length, surface, volume, temperature, rainfall, time.
 Farm accounts.
 Cancellation.
 Common fractions.
 Introduction to percentage.
 Simple interest.

SEVENTH GRADE.

Notation and numeration. Reading and writing whole numbers, common fractions, and decimals to six places. Roman notation. Reading and expressing per cents as common and decimal fractions, and *vice versa*.
 Fundamental operations. Addition, subtraction, multiplication, and division, for speed and accuracy. Proofs and checks. Common fractions.
 Decimal fractions. Addition, subtraction, multiplication, division.
 Ratio and proportion. Laws of ratio and proportion. The fraction as a ratio; the proportion as an expression of the quality of two ratios.
 Denominate numbers. Complete development of tables; problems using tables. Longitude and time. Metric system.
 Percentage and its applications. Connections of percentage with common and decimal fractions. Application. Commission. Trade discount. Interest (the principal application of percentage). Interest by common method.

EIGHTH GRADE.

Percentage and its applications. Insurance, taxes, trade discounts, stocks and bonds.

Interest. Six per cent method. Promissory notes and discounting notes. Bank discount. Compound interest. Partial payments.

Square root. Squares of numbers. Tables of squares of first nine integers. How to find square roots of numbers. Its application in problems of common affairs.

Mensuration. Review of denominate numbers. Surface forms—rectangle, quadrilateral, triangle, circle, and polygon. Area—rectangular, triangular, polygon, circle. Volume—rectangular prism, triangular prism, cylinder, pyramid, cone, sphere.

Application in common affairs. Establishing a school bank and other corporations, applying work in percentage, interest, bills and accounts, and fundamental operations. Planning a farm, applying work in mensuration, square root, fundamental operations, and mechanical drawings.

Nature Study.

FOURTH GRADE.

STUDY OF WEATHER CONDITIONS. Temperature, moisture, records kept, work of Weather Bureau, reading weather flags, daily reports, etc. Many simple experiments.

LIGHT, NATURAL. The sun—interesting facts, seasonal changes, length of days, records kept. The moon—changes, observations made, records kept. Different positions of sun and moon in rising and setting.

LIGHT, ARTIFICIAL. History of man's use, torches, candles, lamps, gas, electric; simple laboratory experiments. Visit to Normal electrical plant.

STUDY OF HEAT. History of man's use, modern stoves and furnaces. Visit to Normal heating plant.

ANIMAL LIFE. Familiar insects, water life. Bird study—adaptation to life conditions emphasized and lists made, as perchers, waders, swimmers, the seed eaters, insect eaters, birds of prey, etc.

PLANT STUDY. Wild flowers studied and recognized by families.

SCHOOL GARDEN. Many simple experiments with soil, seed germination.

FIFTH GRADE.

TREE STUDY. Lists made of trees of campus, city and near-by woods. Identification by form, bark and leaves. Planting, care and value of trees. Detailed study of evergreen trees. A study is made throughout the year of a selected tree on the campus, sketching it from time to time and recording facts of its seasonal changes.

ANIMAL STUDY. Cottontail, jack rabbit, coyote.

BIRD STUDY. Recall work of fourth grade. Study birds as families, the thrush family, etc.

PLANT AND GARDEN STUDY, as in the fourth grade. Emphasize in this grade work with common commercial plants, as wheat, corn, oats, beans, alfalfa, beets and tomatoes.

ELEMENTARY ASTRONOMY. Planets and a few constellations. Study water supply of Emporia.

SIXTH GRADE.

Birds.

Adaptation.

Individuals:

Identification by song, color, movements.

Life habits.

Nest building.

Foods.

Economic value.

Forests:

Need.

Reservation.

Conservation. Forest service.

Physiology.

SEVENTH GRADE.

Practical study based on need of early formation of right habits of position and care of the body.

The bones, the teeth, the skin, the eye, the ear, the nervous system.

EIGHTH GRADE.

Special emphasis laid on the importance of studying physiology and the application of this knowledge every day in order to have strong, healthy bodies.

1. Bones and Muscles. Composition, form, use, etc. Importance of gymnasium, corrective exercises and games for their right development. Formation of correct habits of walking, sitting, standing. Why this should be given especial attention during years of growth.
2. Respiration. Organs, process, etc. Importance of fresh air. Ventilation in homes and schools.
3. Digestion. Organs, process, etc. How we can aid digestion by eating the right sort of food, time of eating, thorough mastication.
4. Nervous system. Brain, spinal cord, and nerves. Sympathetic system. Importance of having a strong system. How to attain this.
5. Special senses. How to care for them.

Music.

FIRST GRADE.

Rote songs for voice and ear training and unification of voices. Songs of child life, songs of the seasons, songs for special occasions. Ethical songs. Songs for rhythm. Songs related to daily work. Working songs. Tone imitation work for voice and ear training. Rhythm work. Two-part rhythm. Three-part rhythm. Sight singing. Melodies of working songs previously taught by syllable by rote, now read from blackboard in whole notes. Mechanical terms used—staff, bar, G clef, sharp, flat, note, double bar.

SECOND GRADE.

Rote songs for voice and ear training and unification of voices. Songs of child life, songs of the season, songs for special occasions. Ethical songs. Songs for rhythm. Songs related to daily work. Tone imitation work for voice and ear training. Rhythm work. Two-part rhythm. Three-part rhythm. Sight reading. Chart melodies in the nine common keys, involving only the easiest skips. New mechanical terms—

$\frac{2}{4}$ measure, $\frac{4}{4}$ measure, $\frac{3}{4}$ measure, $\frac{3}{8}$ measure, $\frac{6}{8}$ measure,
tie, slur, hold, repeat marks.

THIRD GRADE.

Introduction to music reader. Sight reading of songs and exercises in all nine common keys. Pitch problems, pitch names, key names, all skips within any key. Rhythm problems. No sound shorter than one beat. Rote songs as in second grade.

FOURTH GRADE.

Pitch problems: $\sharp 4$ in nine common keys; use of \parallel ; $\flat 7$ in nine common keys; two-part song; $\sharp 1$, $\sharp 2$, $\sharp 5$, $\sharp 6$, in nine common keys. Rhythm problems: Two equal sounds to the beat; two unequal sounds to the beat. Rote songs.

FIFTH GRADE.

Pitch problems; introduction of minor; further study of $\sharp 1$, $\sharp 2$, $\sharp 3$, $\sharp 4$, $\sharp 5$, $\sharp 6$, and $\flat 7$. Rhythm problems. The triplet, first and second form; the catch note; two unequal sounds to the beat. Rote song.

SIXTH GRADE.

Pitch problems: Three-part song; intermediate tones with skips; continuation of minor; $\flat 3$, $\flat 6$, $\flat 2$. Rhythm problems: The catch note. Continuation of two unequal sounds to the beat.

SEVENTH GRADE.

Pitch problems: Formal study of minor mode. Two additional keys. Modulations. Rhythm problems: Triplet in third form. Four equal sounds to one beat.

EIGHTH GRADE.

Pitch problems: Intervals, the F clef.

Rhythm problems: One long and two short sounds to the beat.
 $\frac{9}{8}$ measure, compared with $\frac{3}{4}$.

Handwork and Art.

PRIMARY GRADES.

Use of scissors, paper and posters. Water colors, raffia, cardboard, etc., in the making of useful articles and designs. This work is closely related to the nature work, numbers, language and geography.

FOURTH GRADE.

Water color, brush and ink, pencil, chalk, simple blackboard sketching, free-hand cutting for illustration, nature sketches, flowers, trees, birds, etc. Free illustration of stories and poems, simple pose in pencil or silhouette. Lettering.

Standard colors reviewed; tints, shades and hues developed.

Design; border and surface, repetition and alternatives, using geometric or nature motives on squared or punched paper.

Original design made for book covers, etc.

Study of famous pictures.

Stories and pictures of Greek art.

Construction work.

Paper and cardboard.

Booklets made, decorated covers, simply bound.

Boxes, plain or covered, reinforced covers.

Photo mounts, labels, envelopes, bookmarks and other simple pieces made from jute, tag and bristol board.

Weaving.

Clay pottery.

Ideal farmyard constructed, using cardboard, wood and clay. In this work the girls do the cardboard work while the boys use coping saws in the wood construction.

FIFTH GRADE.

Continuation of work of fourth grade. Tints and shades, and hues of color reviewed and complementary colors taught. Design. Regular division of surface, radial arrangement. Repetition of straight line and curve in all positions. Stenciling. Original designs for book covers, for stencil designs, for blackboard borders, pottery designs, etc. Landscape—season studies, sky pictures, simple bits of outdoor landscape painted. Sketches in black and white. Tree study emphasized, sketches of trees made with pencil, crayon or brush. Trees upon campus painted. Booklet made showing year history of a chosen tree. Picture study. Roman art, simple studies.

Constructive work: Wood work. Tools—pencil, try-square, bench-book, knife, backsaw, coping saw, hammer, plane, brace and bit, and file. Models made—name plate, plant marker, key label, shipping tag, match scratcher, pencil sharpener, cord winder, paper file, box, key rack, tooth-brush holder, bracket shelf, post-card box, and cart.

SIXTH GRADE.

Design: Book covers. Folios for compositions. Envelopes for papers. Christmas candy box. Favors for class parties. May baskets. Easter cards. Christmas cards. Programs. Calendars.

Construction of above.

Water color, in above. Seasonal landscape for calendar. Flowers, trees, etc.

SEVENTH GRADE.

Landscape—pencil, charcoal, water color. Plant study—drawing of trees, leaves, flowers, vegetables. Decorative design—calendars, book covers, posters. Printing—different styles of letters, spacing, initial letters.

EIGHTH GRADE.

Continuation of work of preceding grade. Principles of perspective. Group drawing, emphasizing perspective. Home decoration. Relation of art to home decoration, artistic arrangement, color blending, training judgment in selection and meaning of pictures.

Manual Training.

FOURTH GRADE.

Clay, paper, cardboard and light wood are the materials used. The aim is to develop in the child an appreciation of the beautiful, besides giving him a knowledge of measurement. A variety of projects are given to stimulate interest. Work in clay is along the line of pottery. Work in paper and cardboard is developed along four lines: making of card projects, envelopes, boxes, and book making. The woodwork consists of elementary whittling and coping-saw work.

FIFTH GRADE.

Light woodwork takes up the entire time in this grade. Basswood of varying thickness is used for the entire course. Whittling is emphasized in the first of the course. Later the block plane and saw supplant it. Fewness of tools is emphasized. Projects are: name plate, plant label, match scratcher, pencil sharpener, paper file, tooth-brush holder, bracket shelf, jewel box, frame, and bow and arrow.

SIXTH GRADE.

Planing to the third dimension (thickness) is introduced in this grade. More tools are studied and used. Narrow-surface and broad-surface planing are taken up and emphasized. Accuracy is insisted upon. Models made are: bill file, bread board, handkerchief box, coat hanger, whisk-broom holder, pen rack, a bent iron model, and an optional model. Finishing the model in various ways is taken up, though for the greatest part simple staining and waxing is preferred.

SEVENTH GRADE.

Simple joinery is begun in this course. The course is not so rigid as in preceding grades. A group of models are offered, and pupil selects from the group the model preferred. Work in hard wood is introduced in the latter part of the year. Each pupil keeps his tools in shape and is expected to do accurate work. More tools are added, and work becomes more complex. Models made are: broom holder, or brush and comb pocket, book rack, blotting pad or sleeve board, footstool, nail box or blacking box, medicine cabinet or book cabinet, and an optional model.

EIGHTH GRADE.

By the time the pupil has reached the eighth grade he is able to judge his own workmanship, and to plan furniture. He is given an opportunity to select and make a piece of furniture, same to take most of his class time during the year. For the greater part, simple joinery is insisted upon, but in some cases more advanced joinery is given. Projects selected individually during the year are: writing desk, book case, music cabinet, taboret, magazine rack, stand, table, hall tree, umbrella rack, etc. Finish is insisted upon; oil, oil stain, filler, varnish in a few cases, and wax are used. Drawing is introduced in this grade as mechanical work. From ten to fifteen plates are drawn and inked during the year. By the time he is through with the drawing he is able to make working drawings of the models used in classroom.

Domestic Science and Art.

SEWING.

FIFTH GRADE.

Weave a rug or hammock to learn the darning stitch.

Darn stockings.

Practice work on coarse material such as Java canvass.

Apply simple stitches and seams in making a sewing bag and outfit to supply a doll's bed, consisting of sheet, pillow slip, pillow, mattress, blanket, comfortable, pad and spread for doll's bed. Each girl using her complete outfit will learn to make a bed properly by practicing on the doll's bed for which they were made. Study about sanitation of bedroom, laundering, and care of bedding, etc.

Art needlework. The use of ornamental darning on plain crash in making a table runner.

SIXTH GRADE.

Patching. Material to use, old or new, fading, matching of pattern, etc. Laundry bag. Care of soiled clothing. Removal of stains. Outline word "Laundry" on bag.

Articles to be used in kitchen. Dish towels, hand towels, kitchen apron, holder.

Articles for dining room. Study of linen, making of napkin, hemstitched or fringed doily, embroidered doily.

Laundrying and care of table linen. Care of dining room.

Crocheting. Wash cloth, doily or small bag.

Knitting wash cloth.

Make pattern for large rug; divide in as many parts as students in class.
Let each weave a section.

SEVENTH GRADE.

Garment making. A study of materials and trimming suitable for undergarments. Use of machine and attachments. Use of patterns. Drafting to one's own measurements. Drill in economical use of cloth. Estimation of cost of garments. Making of underwaist, drawers, night-gown or skirt, kimona.

EIGHTH GRADE.

Make articles for bedroom. Discuss sanitary sleeping rooms. Materials suitable, plan a complete outfit of furnishing for sleeping room. Make a dresser set, consisting of scarf, mat and pincushion cover.

Make and mark articles to be used in cooking class—holder, half sleeves, towel, apron, cap.

COOKING.

EIGHTH GRADE.

Lessons in cooking are given to girls in the eighth A class. The lessons cover a ninety-minute period twice per week during one semester, and vary in order of succession according to whether the class begins work in September or January, but lessons dealing with the following materials are given during the term:

Fuels, fire building, lighting of gas range, and reading of meter.

Dust and cleaning, cleansing agents, dish towel, washing.

Measures and weights.

Foods and the food principles.

Water, its purity and protection.

Mineral water.

Fruits.

Bacteria, fermentation, yeasts and molds; cooking dried fruits; fruit canning and jelly making.

Sugars and starches, candy making, cereal and vegetable cookery.

Milk constituents; food value, clean milk, methods of protecting milk, pasteurization, preparation of milk dishes, cheese, cocoa, white sauce, cream soups.

Eggs and their food value and uses, effect of heat upon eggs; proper cooking of eggs; coddled eggs, poached, creamed, omelet, sponge cake, custard.

Cheese, value in diet, cooking of cheese dishes.

Meats—composition, broiling of steak, hamburger, beef loaf, soup stock, croquettes, frying in deep lard.

Bread and bread making.

At least two special lessons are given in table setting, serving of a meal, and entertainment.

The children pay a laboratory fee of two dollars for a semester. Each girl is expected to be supplied with wash dresses, at least two white aprons, and two pairs of half sleeves, two white or checked hand towels, and holders of white crash.

Physical Training for Girls.

All children from the fourth to eighth grades, inclusive, are required to take physical training in gymnasium suits. The work is adapted to the age and needs of the child, and is made both recreative and beneficial. Those having physical defects or weaknesses are given special exercises by competent teachers. These exercises are prescribed according to individual needs shown by their physical examinations. All grades are allowed one lesson a week in the swimming pool at the four-foot depth. Those who do not desire swimming lessons are given regular gymnasium work by student teachers.

Normal students so desiring may be appointed to one of the model grades and given a course in teaching gymnastics under supervision of Miss Kitchin.

COURSES IN PRACTICE.

1. Grades fourth and fifth.
 - (a) Simple marching (for posture and coördination).
 - (b) Exercises to develop rhythm and imagination.
 - (c) Folk dances and singing games.
 - (d) Simple indoor and outdoor games.
 - (e) Playground exercises and games.
2. Grades sixth and seventh.
 - (a) Marching tactics.
 - (b) Combined exercises (to develop physical coördination).
 - (c) Hand apparatus work (dumb-bells, wands, etc.).
 - (d) Folk dancing.
 - (e) Playgrounds work.
 - (f) Competitive games.
3. Grades seventh and eighth.
 - (a) Advanced tactics.
 - (b) Complex exercises with or without hand apparatus.
 - (c) Advanced folk dances.
 - (d) Apparatus work (including the horse, buck, parallel bars, ropes, rings, horizontal ladder, boms, and stall bars).
 - (e) Basket ball.
 - (f) Playground games (soccer, baseball).
 - (g) Relay races and competitive games.

Physical Training for Boys.

All the boys above the third grade in the Training School are enrolled in gymnasium classes taught by regular teachers of the Physical Training Department. The classes meet for an hour twice a week. The classes wear regulation gymnasium costumes.

The work is organized on a play basis, and consists mostly in seasonal athletic games, only enough formal gymnastics being given to correct or avoid faulty posture. During the fall soccer football is taught; in the winter season basket ball and indoor baseball occupy the boys' attention; and during the spring all are outdoors working for a place on the baseball team. All the boys have one swimming lesson a week throughout the year. One of the most enjoyable features of the boys' physical training is the annual "hike." This occurs near the close of the school year. The boys are dismissed from their afternoon classes and tramp to the woods, with the gymnasium teacher, where the time is spent in swimming and games and supper is cooked around a camp fire.

List of Students.

THE COLLEGE.

GRADUATES.

Altman, Clara C., Emporia.	Mallis, Mrs. Jane, Emporia.
Anderson, L. B., Emporia.	Palmer, Grace M., Eureka.
Baird, Brownlee, Centralia.	Salser, Carl W., Emporia.
Baltzer, Benjamin, Hillsboro.	Starbeck, Catherine, Emporia.
Barber, Anna, Emporia.	Towne, Maude Marie, Parkville, Mo.
Benson, Mrs. Hattie, Concordia.	Vaniman, Viola Vivian, McPherson.
Brown, Mrs. Elizabeth, Muskogee, Okla.	Vermillion, Lillian E., Emporia.
Doty, Katherine, Emporia.	Williams, Curtis T., Emporia.
Funk, Peter C., Hillsboro.	Williams, Muriel E., Emporia.

UNDERGRADUATES.

SENIORS.

COMPLETED WORK FOR A. B. DEGREE, AUGUST, 1913.

Alder, Frank E., Eskridge.	Mathew, E. B., Hays.
Baltz, Guy, Emporia.	Newbrey, Lillie, Emporia.
Barnes, E. B., Mound City.	Nicholson, Mrs. Ida Hogdon, Lyons.
Benson, Mrs. Harriet E., Concordia.	Prescott, Nora, Mound City.
Gilbert, J. Edward, Lincolnvile.	Strawman, Ethel Alice, Emporia.
Hanna, Ida Evelynne, Waverly.	Spangler, N. U., University of Chicago.
Howard, May Belle, Tonkawa, Okla.	Swan, Mary, Emporia.
McCleland, Claude, Chanute.	Van Voris, William Arthur, Emporia.
McCoy, J. P., Columbia University.	Wooster, Ruth, Emporia.

CANDIDATES FOR A. B. DEGREE IN JUNE.

Baughner, D. A., Kinsley.	Cook, Harriet, Emporia.
Beeching, Mable, Otis.	Curry, Bessie, Strawn.
Bullen, Benjamin Talmadge, Salina.	Davis, Henry Dale, Clearwater.
Coleman, Mary L., Emporia.	DeLay, Glenn A., Emporia.

CANDIDATES FOR A. B. DEGREE IN JUNE—*Continued.*

Doll, Emma, Larned.	Morgan, Ivy Beatrice, Sylvan Grove.
Fraser, John E., Scandia.	Neumann, Wm., Hanover.
George, Martha, Emporia.	Owens, Lucille, Emporia.
Grimes, Edna L., Marion.	Paul, Fred S., Garnett.
Hearst, W. F., Parsons.	Peters, James C., Utica.
Howell, Edith Helen, Emporia.	Seal, Harvey C., Meriden.
Hunsberger, Nina, Mount Hope.	Skinner, Carl H., Burden.
Lesh, Ruth, Arkansas City.	Thowe, August Fred, Americus.
Mahuron, N. B., Burlington.	Williams, Dolphus, Langdon.
Markwell, Effie, Chicago, Ill.	

CANDIDATES FOR A. B. DEGREE IN AUGUST.

Baptist, Eleanor, Emporia.	Mercer, Frank J., Emporia.
Felter, Elmina, Emporia.	Middleton, Augusta, Emporia.
Grubb, Laura, Phillipsburg.	Wait, George R., Penalosa.

NOT COMPLETING WORK FOR DEGREE.

Bailey, William, Emporia.	Mallary, Benj. E., Emporia.
Baker, Hazel, Emporia.	Mecker, Catherine, Emporia.
Chauncey, Marlin, Douglas.	Mercer, Frank J., Emporia.
Culley, Elmer Emmett, Emporia.	Mitchell, Wm. N., Emporia.
Dodge, Alice, Emporia.	Postma, Virgil Elias, Council Grove.
Edmiston, Mrs. Ellen, Murdock.	Pruett, Bertha Lee, Barnard.
Ferguson, Lulu, Sterling.	Robertson, Ray W., Emporia.
Frankenberger, Donald, Emporia.	Seaver, Wirt D., Chanute.
Harris, Bertha, Howard.	Strawman, Ethel O., Emporia.
Jones, Cartherine H., Emporia.	Werther, Caroline M., Ashton.
Lindsay, Beatrice, Emporia.	White, W. P., Le Roy.
Lipper, Frederick, Leoti.	Williams, John R., Emporia.
	Wood, W. A., Bluford, Ill.

JUNIORS.

- Armstrong, Eva M.,
 Wathena.
 Baker, Annie Florence,
 Topeka.
 Baker, Ira W.,
 Cherryvale.
 Baldwin, Lucy L.,
 Neodesha.
 Baltz, Florence,
 Attica.
 Beck, L. Madeline,
 Wamego.
 Becker, Earl,
 Emporia.
 Beecher, Mary M.,
 Americus.
 Bell, Charles Robert,
 Kinsley.
 Benedix, Margaret L.,
 Valley Falls.
 Berry, Susanna,
 St. Paul.
 Betz, Inza,
 Asherville.
 Blakely, Myrtle,
 Emporia.
 Bradley, Grace,
 Norcatur.
 Breiner, Ethel L.,
 Olathe.
 Brinkman, Mary A.,
 Americus.
 Burkhead, Carl Roscoe,
 Centerville.
 Clay, Altha,
 Oskaloosa.
 Cleavinger, Roy,
 Lowemont.
 Clymer, Ruby,
 Emporia.
 Coleman, Eunice E.,
 Emporia.
 Colwell, Myrtle,
 Emporia.
 Conklin, Minnie,
 Wichita.
 Conner, Faye,
 Emporia.
 Cornick, Alice,
 Anthony.
 Cox, Ellen,
 Wellsville.
 Cross, Maude,
 Emporia.
 Crosswhite, Wm. T.,
 Parker.
 Culbertson, George,
 Emporia.
 Culbertson, Jas. H.,
 Hepler.
 Culter, Clyde,
 Emporia.
 Daniel, Orpha,
 Emporia.
 Darrough, Abbie,
 Emporia.
 Davis, Vivian,
 Abilene.
 Dodge, Ada,
 Manhattan.
 Doering, Annie Mae,
 Utopia.
 Dwelle, Alice Louise,
 Cedar Point.
 Edwards, Anna E.,
 Emporia.
 Ellis, Lelia E.,
 Bucklin.
 Farnham, Helen,
 Galena.
 Fickel, Walter E.,
 Agenda.
 Fife, Elizabeth,
 Arkansas City.
 Fitzpatrick, Maude,
 Emporia.
 Flear, Thos. H.,
 Greenleaf.
 Foland, Mabelle,
 Almena.
 Ford, Mary E.,
 Emporia.
 Frazer, Roy,
 Marion.
 Gardner, Olive E.,
 Newton.
 Grant, Elsie Mabel,
 Emporia.
 Hagge, Mrs. Elizabeth,
 Pleasanton.
 Hail, Ruth M.,
 Emporia.
 Hendrix, Samuel D.,
 Pomona.
 Hime, Forrest R.,
 Centerville.
 Hodges, Clara F.,
 Ottawa.
 Hogue, Wm. H.,
 Leon.
 Howard, Nora C.,
 Cherryvale.
 Hunsaker, Lucy,
 Mulvane.
 Hunter, Marguerite,
 Emporia.
 Hutchings, Sara C.,
 Emporia.
 Ireland, Ethel,
 Emporia.

JUNIORS—Continued.

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| Ireland, Kenneth,
Emporia. | Morgan, Sara,
Emporia. |
| Isaacs, LeRoy,
Holton. | Morse, Louise,
Burns. |
| Jarrott, John W.,
Great Bend. | Mullarkey, Ethel,
Glasco. |
| Johnson, Anna,
Kansas City. | Murray, Curtis G.,
Protection. |
| Johnson, Elizabeth A.,
Emporia. | Nanninga, Simon,
Emporia. |
| Jones, Chas. Frederick,
Elwood. | Nelson, M. B.,
Tully. |
| Jorgensen, Fred Heeke,
Council Grove. | New, George R.,
Emporia. |
| Kappelman, Benjamin,
Linn. | Oakes, Martha,
Peru. |
| Knight, Emma E.,
Solomon. | Ogg, Esther E.,
Emporia. |
| Kraemer, Cornelius,
Beattie. | Ogg, Tressa,
Emporia. |
| Kruger, Carrie,
Bison. | Overstreet, May,
El Reno, Okla. |
| Larson, Eric,
Scandia. | Owens, Hugh H.,
Chanute. |
| Lock, Chlora Faye,
Emporia. | Palmer, Florence,
Hope. |
| Lockwood, D. C.,
Emporia. | Palmer, Ruth,
Emporia. |
| Longenecher, F. F.,
Emporia. | Parke, Marion,
Emporia. |
| Loveless, Opal,
Emporia. | Patterson, Anna,
Independence. |
| McCauley, Amy Evelyn,
Hoisington. | Payne, Ruth E.,
Emporia. |
| McConnell, W. W.,
Council Grove. | Ramsey, Bertha,
Marquette. |
| McCullough, Edna,
Emporia. | Rea, Laura Rachel,
Miltonvale. |
| McCullough, Roberta,
Emporia. | Rector, Clara M.,
Emporia. |
| McCullough, Roscoe,
Emporia. | Rector, Eva G.,
Emporia. |
| McDowell, Sadie,
Emporia. | Rees, Ernest C.,
Girard. |
| McLeland, Ethel,
Chanute. | Rees, Mary J.,
Emporia. |
| Manley, Bessie,
Burden. | Reese, Paul Webster,
Bronson. |
| Marlowe, Chas. C.,
Hartford. | Roberts, Bessie M.,
Emporia. |
| Marrin, Sadie M.,
Emporia. | Roberts, Elizabeth,
Ottawa. |
| Mayes, John F.,
Emporia. | Roberts, Lela,
Emporia. |
| Mealey, Ethel M.,
Emporia. | Rowell, Margaret F.,
Stafford. |
| Miller, Frank R.,
Cimarron. | Rowles, Laura,
Wichita. |
| Minner, Roxie,
Soldier. | Russell, James Lowell,
Emporia. |

JUNIORS—*Continued.*

Schultz, Nelle, Kenneth.	Strawman, Mabel M., Emporia.
Scott, Stanley R., Oakley.	Stubbs, Della C., Lawrence.
Scyphers, Martha, Grenola.	Sword, Chas. G., Reading.
Seacat, Gracia, Ashland.	Taylor, Mrs. Margaret, Sterling.
Sexton, Lucile, Fall River.	Thomas, Margaret H., Emporia.
Shedd, Bessie H., Augusta.	Thomas, Ola M., Emporia.
Shillington, Jessie, Emporia.	Thompson, Clarence A., Walton.
Shipherd, Matie, Emporia.	Treadway, Florence, Emporia.
Shupe, Erma, Sitka.	Waldron, J. Harley, Louisburg.
Slough, Katherine, Quincy.	Walker, E. A., Lyndon.
Smiley, Pearl, Silver Lake.	Widner, Guy, Bradford.
Soper, Austin, Emporia.	Williams, Mary, Emporia.
Squire, Edwin Ora, Bucklin.	Wilson, Molly, Emporia.
States, Mozella, Emporia.	Wooster, David, Emporia.
Stiles, Ethel, Crestline.	Young, Ora Ray, Emporia.

SOPHOMORES.

GIVEN LIFE CERTIFICATE, AUGUST, 1913.

Anderson, Nannie Mary, Bronson.	Burkhead, Carl Roscoe, Centerville.
Baker, Anna Florence, Topeka.	Cole, Hazel Bernice, Emporia.
Barnett, M. T., Oberlin.	Colgrove, Ralph, Athol.
Beck, Leola Madeline, Wamego.	Corn, Laura, Humboldt.
Bleam, Louise E., Osborne.	Cowan, Ema, Athol.
Bogue, Clara, Glasco.	Curtis, Ruby, Osage City.
Booker, Guy John, Emporia.	Dickason, Essie, Emporia.
Bottomly, Eugene S., Fulton.	Dodge, Ada, Manhattan.
Breed, Lucy, Emporia.	Dow, Kate, Emporia.
Breneman, Amos, Humboldt.	Ferguson, Lulu, La Harpe.
Broughton, Herbert, Admire.	Fickel, Walter E., Agenda.
Brown, Lelia A., Lacy, N. Mex.	Foster, Cornelius, Kincaid.
Buck, Jennie Pearl, Bronson.	Garrett, Phrona E., Belpre.

SOPHOMORES—*Continued.*

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| Glover, Maud E.,
Kansas City. | Paul, Fred S.,
Garnett. |
| Hail, Ruth,
Emporia. | Pearson, Mary,
Emporia. |
| Hill, Gladys,
Mulvane. | Pelzell, Pansy,
Harper. |
| Hime, Forrest Ray,
Centerville. | Perry, Bessie E.,
Hartford. |
| Howard, Nora C.,
Cherryvale. | Peterman, Mabelle,
Cochran, Pa. |
| Hutchins, Lida,
Emporia. | Pomeroy, Charles F.,
Emporia. |
| Jasper, Opal,
Liberal. | Postma, Virgil Elias,
Council Grove. |
| Johnston, Nellie,
Towanda. | Postma, Robert A.,
Barclay. |
| Jorgensen, Fred,
Council Grove. | Redd, Helen,
Newton. |
| Josserand, Bruce,
Council Grove. | Reed, Junie Etta,
Enterprise. |
| Keenan, Marie,
Herington. | Rees, Ernest,
Girard. |
| Kunz, Otto W.,
Emporia. | Rowe, Francis,
Le Roy. |
| Largent, Martha Mabel,
Quenemo. | Rowell, Margaret,
St. John. |
| Lewis, Sarah E.,
Emporia. | Schlagle, Leslie,
Wolcott. |
| McCullough, Edna,
Emporia. | Schmitt, Bertha Marguerite,
Moundridge. |
| McCoy, Inez,
Kansas City. | Seaver, Wirt D.,
Chanute. |
| McDowell, Sadie L.,
Emporia. | Settle, Ulaia E.,
Redlands, Cal. |
| McGill, Flora Margaret,
Colony. | Smith, Lida May,
Emporia. |
| Marlowe, Myrtle D.,
Hartford. | Sowash, Jennie,
Quinter. |
| Maust, B. B.,
Grand View, Ind. | Steckel, Minnie L.,
Woodbine. |
| Means, Mary Harris,
Hiawatha. | Stevens, Evan R.,
Parsons. |
| Mester, Hazel,
Creston, Iowa. | Switzer, Ethel Gladys,
Emporia. |
| Miller, A. A.,
Sheridan, Wyo. | Tennyson, Isla L.,
Muskogee, Okla. |
| Miller, Ross L.,
Cimarron. | Thomas, Ola M.,
Emporia. |
| Motes, Huldiah J.,
Scottsville. | Thompson, Addie M.,
Moran. |
| Mullinex, Geraldine,
Burlington. | Wade, Elizabeth,
Emporia. |
| Murphy, Andrew,
Latham. | Wilson, Minnie,
Topeka. |
| Park, Marian,
Emporia. | Winston, J. C.,
Kansas City, Mo. |

SOPHOMORES—*Continued.*

GIVEN KINDERGARTEN LIFE DIPLOMA, AUGUST, 1913.

Horner, Blanche,
Cambridge.Rowell, Margaret,
St. John.Squires, Mildred,
Neodesha.Stubbs, Catherine,
Lawrence.

CANDIDATES FOR LIFE CERTIFICATE IN JUNE.

Allison, Bessie J.,
Emporia.Armstrong, Maude,
Centralia.Berger, Blanche May,
Sylvan Grove.Betts, Lulu,
Norcatur.Bibler, Jeanette,
Florence.Borrer, John H.,
Westphalia.Bowers, Frederick,
Emporia.Briggs, Ruby,
Sedgwick.Burgess, Florence,
Mulvane.Butler, Edna,
Marysville.Chandler, Roscoe,
Colony.Clarke, Mary Shannon,
Clay Center.Clark, Perle,
La Feria, Tex.Correll, Effie,
Americus.Cosand, George S.,
Cuba.Cure, Ida,
Atchison.Davis, Carrie,
Emporia.Davis, Mrs. Eleanor Burch,
Emporia.DeForest, Augusta,
Wetmore.Delaney, Edith A.,
Dighton.Dewey, Chas. H.,
Elk City.Dodrill, Ellsworth,
Stockton.Dwelle, Ruth,
Cedar Point.East, Mrs. L. A.,
Iola.Edgington, Louise,
Burlingame.Edwards, Anna,
Emporia.Ellsworth, Bertha,
Emporia.Etzold, Grace,
Liberal.Evans, Cynthia,
Olathe.Fagan, Margaret,
Reading.Fairley, Marion,
Holton.Fife, Eunice,
Arkansas City.Frédéricksen, Otto,
Allen.Fulton, Lois,
Towanda.Gardner, Bertha V.,
Kingman.Gambill, Marcus,
McCune.Geelan, Norah,
Lecompton.Gilmore, Clara,
Oneida.Grant, Gertie,
Rosalia.Grant, O'Kellan,
Topeka.Gravatt, Abbie,
Beloit.Graves, Johnie Mae,
Elk City.Green, Maude L.,
Stockton.Hall, Nellie,
Emporia.Haney, Kathryn,
Fontana.Harper, Bertha,
Colony.Harris, Hazel,
Emporia.Holton, Ethel,
Miltonvale.Houston, Hazel,
Chanute.Howard, Mary G.,
Emporia.Iden, Gaye,
Gove.James, Effie,
Topeka.

SOPHOMORES—*Continued.*

- | | |
|--------------------------------------|------------------------------------|
| Jeremy, Ruth Helen,
Emporia. | Moyer, Bertha,
Emporia. |
| Jevons, Beulah H.,
Wakefield. | Munro, Ethel M.,
Oakley. |
| Johnson, Mary E.,
Dwight. | Munsell, Irene,
Russell. |
| Johnson, Nanette F.,
Kansas City. | Nanninga, Carrie,
Emporia. |
| Jones, Helen,
Emporia. | Nanninga, Kathryn,
Emporia. |
| Jones, Ruth,
Lebo. | Neuber, Adele,
Milford. |
| Kersey, Merlin,
Mulvane. | Nincehelsner, Nell,
Oskaloosa. |
| King, Maude,
Plainville. | Norlin, Nelle,
McCracken. |
| Kittell, Mrs. W. E.,
Emporia. | Osborne, Alice,
Burton. |
| Klinkenberg, Louise,
Tonganoxie. | Pace, J. Gage,
Mound City. |
| Lannan, Mary K.,
Topeka. | Patton, Fannie,
Topeka. |
| Lappin, Beatrice,
Logan. | Parker, Grace,
Emporia. |
| Little, Elizabeth,
Humboldt. | Petermeyer, Viola,
Broughton. |
| Loevenguth, John C.,
Udall. | Pocock, E. C.,
Waverly. |
| Lohmüller, Constance,
Centralia. | Putnam, Harriet,
Fremont, Neb. |
| Loveless, Inez Margaret,
Emporia. | Rhodes, Pearl,
Topeka. |
| Loveridge, Ethel Grace,
Emporia. | Rupp, Annabel,
Moundridge. |
| Luman, Adah,
Altamont. | Sandusky, Inez L.,
Wichita. |
| Lyon, Helen,
Lincoln. | Sconce, Nellie E.,
Quenemo. |
| McIntosh, Jerome D.,
Marion. | Scott, Ira O.,
Thayer. |
| McCullough, Ruth,
Emporia. | Sinclair, Dora,
Topeka. |
| McKay, Laura,
Longton. | Smiley, Verna,
Silver Lake. |
| Malhorn, Minnie,
Walnut. | Snider, Ethel,
Sabetha. |
| Menahan, John,
Beattie. | Stephenson, Herman H.,
Emporia. |
| Meuser, Louise,
Paola. | Stevenson, Edmund J.,
Emporia. |
| Meyer, Walter J.,
Linn. | Stone, Neva,
Barnes. |
| Miller, F. L.,
Herington. | Stouder, Guy Perry,
Syracuse. |
| Minner, Lucy,
Soldier. | Swagerty, Maude,
Eskridge. |
| Molesworth, Fred L.,
Emporia. | Thomas, Dora W.,
Emporia. |
| Motes, Nora,
Scottsville. | Thompson, Wm. R.,
Ness City. |

SOPHOMORES—*Continued.*

Towles, Hester,
Topeka.
Van Campen, Harry,
Linn.
Vincent, Louise,
Kansas City, Mo.
Wallen, Ruth,
Humboldt.
Wade, Elizabeth,
Emporia.
Wagner, Edith,
Ellsworth.

Westervelt, Mrs. Josephine H.,
Topeka.
Wallace, John William,
Waverly.
Whiteside, Orabella,
White Cloud.
Wiley, Beulah,
Olathe.
Withers, Ruth,
Bronson.

CANDIDATES FOR LIFE CERTIFICATE IN AUGUST.

Albin, Estella,
Goodland.
Baugh, Clarence O.,
Emporia.
Breneman, John,
Hoyt.
Brock, Edythe Marie,
Nortonville.
Brown, Chloe,
Troy.
Buck, Helen E.,
Lawrence.
Carter, Elsie,
Natoma.
Carter, Louise,
Natoma.
Cole, Richard,
Emporia.
Cox, Pearl,
Wichita.
Dickie, Edith,
Grenola.
Dymacek, Rose,
Caldwell.
Edgington, Bessie,
Burlingame.
Elliott, Bertha,
Emporia.
Fenton, Hazel,
Buffalo.
Fram, Ida,
Rozel.
Haynes, Ruthe,
Topeka.

Hunt, Roy,
Narka.
James, Haddon W.,
Emporia.
Jones, Cora Belle,
Emporia.
Lock, Lora,
Emporia.
McGinty, Ruth,
Junction City.
McQuiston, Ray,
Independence.
Moore, Vesta C.,
Wichita.
Pinkerton, Margaret,
Emporia.
Prather, Nelle,
Protection.
Rankin, Louisa E.,
Emporia.
Read, J. H.,
Minneapolis.
Ross, Irving D.,
Cedar Vale.
Saueressig, May,
Emporia.
Sharp, Aurilla,
El Dorado.
Slagle, M. C.,
Wheeler.
Ward, Cora,
Arkansas City.
Withers, Helen,
Bronson.

CANDIDATES FOR KINDERGARTEN LIFE DIPLOMA IN JUNE.

Bingham, Anna,
Sabetha.
Fife, Elizabeth,
Arkansas City.
Hardy, Lida,
Topeka.

Holton, Ethel,
Miltonvale.
Howell, Bessie,
Waverly.
Laming, Leonor,
Tonganoxie.

CANDIDATES FOR KINDERGARTEN LIFE DIPLOMA IN AUGUST.

Haswell, Mary E.,
Garfield, Ark.

Porter, Alma,
Okmulgee, Okla.

SOPHOMORES—*Continued.*

NOT COMPLETING WORK FOR LIFE CERTIFICATE.

Adamson, Nellie, Erie.	Coleman, J. Sidney, Emporia.
Arbuthnot, Mary C., Belleville.	Cortner, Maude, Otego.
Atkeson, George L.,	Crawford, Vivian O., Stafford.
Barthel, Ruth, Emporia.	Cromer, Mrs. Lucella, Emporia.
Bates, Delia B., Grenola.	Cutting, Berenice Kerr, Rose Hill.
Baxter, Mary, Fairmount.	DeLaney, Ethel, Dighton.
Berneking, Lydia, Simpson.	Dewey, Delmer R., Earleton.
Bibler, Elsie, Florence.	DeYoung, Adrian, Emporia.
Bibler, Ethel, Florence.	Dimon, Charles A., Clay Center.
Bingham, Beatrice, Wichita.	Ditmars, Thos., Grenola.
Blackmer, Nellie, Scott City.	Eells, Helen, Cushing.
Bleam, Louise E., Osborne.	Elder, Helen, Olivet.
Bonwell, Gladys, Emporia.	Eldridge, Emma L., Emporia.
Bradley, Carrie Fay, Emporia.	Elliot, Mary M., Emporia.
Brandenburg, Georgia, Bushong.	Englund, William, Holcomb.
Brewer, Josephine, Riley.	Englund, Segrid, Falun.
Brown, Iva, Abilene.	Epperson, Carrie, Scott City.
Bullen, Charles, Salina.	Fagan, Nellie, Reading.
Burns, Amy Almira, Burlingame.	Falls, Leone M., Valley Falls.
Burns, Lillian, Lawrence.	Fishback, Hazel, Emporia.
Burns, Mabel, Burlingame.	Fitzpatrick, Helen, Salina.
Callaway, Arthur, Douglass.	Gallagher, Lola A., Hoxie.
Carder, Mina, Lyndon.	George, William H., Hiawatha.
Carter, Elsie, Natoma.	Giffin, Fred R., Centerville.
Caruthers, Esther, Oklahoma City, Okla.	Gower, Frances, Russell.
Cawley, Hazel, Cottonwood Falls.	Graham, Bessie, Neodesha.
Cleland, Alice, Emporia.	Grant, Okellan, Topeka.
Cole, Edith, Topeka.	Gray, Marguerite, Atchison.
Colegrove, Ralph, Girard.	Grove, Bessie Fern, Parker.

SOPHOMORES—*Continued.*

- Hannon, Cora,
 Rosedale.
 Hardy, Lida,
 Topeka.
 Harner, Aurilla,
 Green.
 Hartwig, Fred W.,
 Humboldt.
 Harvey, Cora Ethel,
 Mildred.
 Hemenway, Edna,
 Emporia.
 Henry, Mary,
 Cherryvale.
 Hill, Mae Azelia,
 Beloit.
 Horner, Blanche,
 Cambridge.
 Howell, Bessie,
 Waverly.
 Hutchison, Bena,
 Scranton.
 Jackson, Marjorie,
 Emporia.
 Jeter, Lillian Clair,
 Alden.
 Keefauver, Lillian A.,
 Coffeyville.
 King, Adelaide,
 Junction City.
 Kirk, Leta B.,
 Elwood.
 Kitchen, Martha,
 Osawatomie.
 Knowles, Jessie,
 Marion.
 Kunz, Otto Wm.,
 Emporia.
 Laird, Frank B.,
 Hoyt.
 Larabee, Ruth M.,
 Stafford.
 Lasswell, Helen,
 Caldwell.
 Latshaw, Estella,
 Pratt.
 Lehman, Adin Floyd,
 Humboldt.
 Linscheid, Emily,
 Abbyville.
 Lockridge, Lida,
 Sabetha.
 Lohmiller, C. Constance,
 Centralia.
 Lott, Nell,
 Wellsville.
 Lowe, Jessie,
 Kingman.
 McCarty, Leona,
 Emporia.
 McCluney, Roxilla,
 Arkansas City.
 McCollum, Walter,
 Santa Fe.
 McDonald, Katie,
 Hartford.
 McDowell, Ruth,
 Emporia.
 McGill, Flora Margaret,
 Colony.
 McKay, Fern,
 Thayer.
 Malhorn, Minnie,
 Walnut.
 Mauck, Gladys,
 Emporia.
 Miller, Albert R.,
 Bonner Springs.
 Miller, Anna O.,
 Hope.
 Milroy, Helen,
 Houston, Tex.
 Mitchell, Nelle,
 Emporia.
 Montgomery, Katherine,
 Emporia.
 Montgomery, Margaret Gray,
 Emporia.
 Moody, Gail,
 Topeka.
 Morgan, Chas. H.,
 Girard.
 Morgan, Elizabeth,
 Emporia.
 Morrill, Fred A.,
 Emporia.
 Morrison, Frances,
 Coffeyville.
 Mortimer, Elizabeth,
 Delphos.
 Mullins, Ida,
 Osawatomie.
 Murphy, Andrew H.,
 Latham.
 Musch, Grace,
 Elmo.
 Myers, Oliver,
 Emporia.
 Nanninga, Elizabeth J.,
 Emporia.
 Nanninga, Tjaart,
 Emporia.
 Naylor, Annabel,
 Topeka.
 Negley, K. H.,
 Hutchinson.
 Nichols, James F.,
 Nortonville.
 Ott, Russell,
 Hamilton.

SOPHOMORES—*Continued.*

- Partridge, Harriet,
Macksville.
 Payne, Howard,
Emporia.
 Pelzell, Pansy,
Harper.
 Peterman, Mabelle,
Berryton.
 Pickett, Alma L.,
Emporia.
 Poole, Hazel,
Lovewell.
 Pyles, Chloe,
Atchison.
 Rees, Mrs. Edith King,
Downs.
 Reynolds, Sadie,
Scranton.
 Rhodes, Pearl,
Topeka.
 Richardson, Mabel,
Lawrence.
 Riegel, Geralda,
 Riesen, Helen,
Hillsboro.
 Riffel, Elizabeth,
Ramona.
 Riner, Talbert,
Protection.
 Ringburg, Myrtle,
Lindsborg.
 Rishel, Warren C.,
Emporia.
 Robbins, Florence,
Norwich.
 Roberts, Edith,
Emporia.
 Roberts, Grace,
Kansas City.
 Robinson, Edith,
Nebraska City, Neb.
 Robinson, Harriet May,
Collinsville, Okla.
 Rollman, Helen,
Brookville.
 Romer, Ralph,
Emporia.
 Rowe, Frances M.,
Le Roy.
 Royce, Charles F.,
El Dorado.
 Russell, Nellie,
Kansas City.
 Sadlemire, Hazelle,
Topeka.
 Schlagle, Leslie,
Walcott.
 Shupe, Lyle,
Lost Springs.
 Speer, Blaine,
Wellington.
 Steckel, Minnie L.,
Woodbine.
 Steel, Robert,
New Market, Iowa.
 Stevenson, Orma,
Altamont.
 Stillwell, Helen,
 Strawman, Jennie,
Emporia.
 Supple, Marie,
Scranton.
 Swayze, Alma,
Ashland.
 Taylor, Glenn,
Emporia.
 Thomas, Owen H.,
Melvern.
 Thompson, Ida Mae,
Leavenworth.
 Todd, Bessie,
Emporia.
 Trego, Linton,
Humboldt.
 Trusdale, Grace,
Emporia.
 Trusdale, J. W.,
Emporia.
 Vincent, Stella,
Overbrook.
 Wallace, Harry D.,
Waverly.
 Ward, Cora,
Emporia.
 Warner, Ione,
Burlingame.
 Washington, Mary,
Lawrence.
 Waterman, Maude A.,
Florence.
 Wayland, Edith,
Girard.
 Weatherly, Marie,
Emporia.
 Webster, Jemmie,
Wichita.
 Whitcraft, G. E.,
Oskaloosa.
 Williams, Frank L.,
Medicine Lodge.
 Winston, John Clarence,
Lawrence.
 Wishard, Opal,
Emporia.
 Withers, Helen D.,
Bronson.
 Wristen, Caroline,
Dighton.
 Wynant, Bess,
Concordia.
 Zavodsky, Elmer E.,
Cuba.

FRESHMEN.

- Abbey, Georgia C.,
Xenia.
- Adams, Minnie,
Bronson.
- Adams, Susie,
Grenola.
- Adamson, Virginia,
Erie.
- Adkinson, O. P.,
Brownell.
- Ahrens, Dora,
Halstead.
- Allen, Adah Elizabeth,
Wilson.
- Allen, Bess,
Ottawa.
- Allen, La Veta,
Fort Scott.
- Allen, Mary,
Kingman.
- Allen, Mary,
Cunningham.
- Allen, Ruth Virginia,
Neodesha.
- Alley, Ethel,
Rose Hill.
- Alsop, Inez,
Wakefield.
- Altman, Elizabeth,
Topeka.
- Ambrose, Vida E.,
Blue Rapids.
- Anderson, Mary,
Alma.
- Anderson, Minnie Mai,
Muskogee, Okla.
- Anderson, Olive,
Salina.
- Armour, Zedna,
Strong City.
- Armour, Mabel,
Strong City.
- Armstead, Lucile,
Emporia.
- Arnett, May,
Wichita.
- Arnold, Eula Viola,
Neodesha.
- Askew, Marguerite,
Macksville.
- Asmussen, Irene,
Clayton, N. Mex.
- Augustine, Viva,
Yates Center.
- Austenfeld, Bertha,
Emporia.
- Babcock, Mae,
Troy.
- Babcock, Rhea,
Troy.
- Bailey, David,
Emporia.
- Bailor, Geneva Elizabeth,
Ness City.
- Baird, Callie M.,
Centralia.
- Baldwin, Anna,
Troy.
- Baldwin, Louis F.,
Lyons.
- Ball, Earl,
Stafford.
- Bane, Geneva,
Kingman.
- Baptist, Lucy Christabel,
Emporia.
- Baber, Katherine,
Topeka.
- Barker, Katherine,
Topeka.
- Barnard, Elizabeth,
Grenola.
- Barnes, Bernice,
Atchison.
- Barnes, Cyrus C.,
Emporia.
- Barnett, Geneva,
Sharon.
- Bartlett, Glenn,
Belle Plaine.
- Bass, Mary Charl,
Fort Scott.
- Battin, John,
Oberlin.
- Baustian, Henry F.,
Lucas.
- Bearg, Esther C.,
Sabetha.
- Behmer, Carl,
Hamilton.
- Beichley, Laura,
Ada.
- Bender, Ina,
Belle Plaine.
- Bender, Maude,
Belle Plaine.
- Berger, Hazel,
Douglass.
- Berger, Leal D.,
Wilson.
- Berkey, Mildred Frances,
Blackwell, Okla.
- Berner, Junetta,
Wamego.
- Biddleman, Wm. Chester,
Kinsley.
- Bigger, Edward,
Burlingame.
- Bishop, Hazel,
Emporia.

FRESHMEN—Continued.

- Black, Georgia M.,
 Whitewater.
 Blackmer, Gertrude,
 Scott City.
 Blackwood, Isaac,
 Emporia.
 Blake, Marguerite,
 Norton.
 Boddy, Mary,
 Morton.
 Boerstler, Bessie M.,
 Chanute.
 Bogue, Alta,
 Gordon.
 Bollin, John J.,
 Leavenworth.
 Bonham, Velma,

 Bonwell, Muriel Agnes,
 Emporia.
 Boone, Esther,
 Emporia.
 Boothe, Ruby,
 Kiowa.
 Borg, Jessie Eleanor,
 Lawrence.
 Bostwick, Ella,
 Iola.
 Bowman, Helen,
 Emporia.
 Bradshaw, Edward,
 Altoona.
 Brannan, Leon,
 Lewis.
 Branscom, Mae,
 Emporia.
 Breese, Mina,
 Kingman.
 Brennaman, Clara,
 Garden City.
 Brewster, Florence,
 Thayer.
 Brewster, Ruby,
 Thayer.
 Brickell, Florence,
 Emporia.
 Bridger, Thyrsa,
 Almena.
 Briggs, Clifton,
 Emporia.
 Briggs, Mildred,
 Summerfield.
 Brown, Mrs. Alice,
 Coalgate.
 Brown, Alta,
 Mulvane.
 Brown, Earle,
 Attica.
 Brown, Edwin J.,
 Clifton.
 Brown, Lenna Lea,
 Bronson.
 Brown, Mabel A.,
 Reading.
 Brown, Sara,
 Caldwell.
 Bryant, Orebah,
 Emporia.
 Buck, Andrew,
 Galesburg.
 Buckland, Louis,
 Delphos.
 Burgard, Josephine,

 Burgess, Irene,
 Emporia.
 Burke, Allie,

 Burke, Bernice McKee,
 Sabetha.
 Burkholder, Grace,
 Cedar Vale.
 Burkett, Alta,
 Coffeyville.
 Burney, Carrie L.,
 Hutchinson.
 Bursch, Chas. W.,
 Buffalo.
 Byrne, Marguerite,

 Caldwell, Martha,
 Lecompton.
 Calhoon, Martha,
 Marysville.
 Calhoun, Margaret,
 Marysville.
 Calkins, Franklin,
 Olivet.
 Callaway, Fern,
 Greenleaf.
 Campbell, Edith,
 Mulvane.
 Cannon, Grace,
 Kingman.
 Cannon, John G.,
 Beattie.
 Carey, Lloyd,
 Reading.
 Carroll, Bessie,
 La Cygne.
 Carroll, Gladys,
 Ransom.
 Carroll, Jane M.,
 La Cygne.
 Carter, Elsie Mabel,
 Emporia.
 Chaney, Helen,
 Burlington.
 Chaney, Leontine,
 Burlington.

FRESHMEN—*Continued.*

- Chapman, Klyda,
 Dresden.
 Chatterton, Margaret,
 Reading.
 Cleavinger, Bettie,
 Lowemont.
 Cleland, Walter B.,
 Emporia.
 Cole, Edith,
 Kingman.
 Cole, Mabel,
 Emporia.
 Combs, Hazel,
 Emporia.
 Combs, Kathryn,
 Herington.
 Cook, Lillian,
 Parker.
 Cook, Marie,
 Coffeyville.
 Cooper, Mary,
 Garden City.
 Corbet, M. Edna,
 Valencia.
 Corder, Aetna,
 Powhattan.
 Courtright, Marie,
 Emporia.
 Cowles, Elsie Xina,
 Chander, Okla.
 Cox, Elizabeth,
 Emporia.
 Coyner, Lula Irene,
 Burr Oak.
 Crawford, Beryl,
 Hutchinson.
 Crawford, C. C.,
 Bunkerhill.
 Creswell, Althea Mary,
 Ottawa.
 Cromer, Etta,
 Volland.
 Crook, Celestine,
 Humboldt.
 Cross, Claude B.,
 Emporia.
 Cross, Ethel,
 Emporia.
 Crowther, Stella,
 _____.
 Crumly, Dott,
 Colby.
 Cruson, Martha,
 Hoxie.
 Cullison, Lenore,
 Howard.
 Culter, Raymond,
 Emporia.
 Cummings, Mrs. Maggie,
 Wichita.
 Curry, Gertrude,
 Eskridge.
 Curry, Mabel,
 Strawn.
 Curtis, Ruby,
 Osage City.
 Dahm, Anna,
 Great Bend.
 Damerell, Cartie,
 Emporia.
 Davis, Cecil Irene,
 Spearville.
 Davis, Irene,
 Spearville.
 Davis, Lora,
 Bucklin.
 Davis, Mary Estella,
 Lakin.
 Davis, Ruth,
 Salina.
 Davis, Rex,
 Spearville.
 Deane, Leah,
 Pratt.
 DeBard, Helen,
 Arkansas City.
 DeForest, Forman,
 Wetmore.
 DeLong, Ethel,
 Emporia.
 Denison, Ethlyn,
 _____.
 Detlor, Grace,
 Grantville.
 Devereux, Nona,
 Troy.
 Dixon, John A.,
 Leon.
 Dixon, Nell,
 Leon.
 Dodge, Blanche,
 Topeka.
 Dodrill, Mrs. Zella B.,
 Stockton.
 Dodson, Elsie,
 Caney.
 Dougherty, Jennie,
 Logan.
 Dunn, Ella Mae,
 St. John.
 Durst, Gladys Mae,
 Sabetha.
 Duvall, Walter L.,
 Belle Plaine.
 Eakes, Alice,
 Caney.
 Eastman, Lizzie,
 Grenola.
 Eccles, Eveline,
 Hutchinson.

FRESHMEN—*Continued.*

- Ecord, Pearl Rieby,
 Garnett.
 Edwards, Alice B.,
 Washington.
 Edwards, Hugh,
 Emporia.
 Edward, Irma,
 Hartford.
 Ellenberger, Lena,
 Emporia.
 Elliott, Jean,
 Emporia.
 Elvin, Cora,
 Toronto.
 Emmons, Phrenola,
 Hill City.
 Engler, Sylvia,
 Chapman.
 Erwin, Carrie,
 Belle Plaine.
 Erwin, Delia,
 Belle Plaine.
 Evans, Mary,
 Cimarron.
 Everett, Harry,
 Emporia.
 Everett, Mabel,
 Stockbridge.
 Everley, Mary Lieurena,
 Emporia.
 Eyth, Julia A.,
 Enterprise.
 Fagan, Elizabeth,
 Reading.
 Faidley, Jennie,
 Broughton.
 Fawcett, Hazel,
 _____.
 Felter, Harry W.,
 Glasco.
 Fenton, Edith,
 Abilene.
 Ferrell, Jennie,
 Qud.
 Filinger, Chas. J.,
 Cuba.
 Filley, Grace Ellen,
 Irving.
 Fitts, Iona,
 Reading.
 Fitzgarrold, Viola,
 Clay Center.
 Fitz Simmons, Ruby,
 Westphalia.
 Fleming, Birdie,
 Summerfield.
 Fletcher, Lucy,
 Waldo.
 Floyd, Verruta,
 Topeka.
- Foose, Elsie Estelle,
 _____.
 Fouts, Carrie B.,
 Frankfort.
 Fowler, Anna May,
 Horton.
 Frazier, Ruth,
 Quenemo.
 Freeman, Frances,
 El Dorado.
 Freeman, Josephine,
 Iola.
 Good, Elsie M.,
 Cimarron.
 French, Lea,
 Ponca City, Okla.
 Frisbie, Bessie,
 Plainville.
 Fritz, Clarence O.,
 Circleville.
 Fruit, Mattie L.,
 Great Bend.
 Frye, Ada,
 Emporia.
 Funk, C. Herbert,
 Hillsboro.
 Gallagher, Margaret M.,
 Hoxie.
 Gardner, Lillian A.,
 Kingman.
 Gardner, Mable,
 Neosho Falls.
 Gardner, Pearl,
 Lyndon.
 Garnaud, Grace,
 _____.
 Gates, Lolee,
 Penokee.
 Gates, Nellie,
 Anthony.
 Gaughan, Edward,
 Reading.
 Gepharte, Anna,
 Yates Center.
 Gepharte, Elden Eugene,
 Yates Center.
 Gfeller, Alice,
 Burns.
 Gibson, Everett A.,
 Kensington.
 Giles, Chas. H.,
 Cherryvale.
 Givin, George W.,
 Emporia.
 Glaze, Della May,
 Penalosa.
 Glover, Myrtle Leona,
 Caldwell.
 Goes, Xenia Julia,
 Gas.

FRESHMEN—*Continued.*

- Goessy, Ineze Grovanne,
Americus.
- Good, Fern,
Cimarron.
- Goodrich, Winnie,
Admire.
- Gordon, Jennie,
Emporia.
- Gore, Alvin Gregory,
Oswego.
- Gould, George R.,
Wilroads.
- Grant, Nellie,
Horton.
- Green, Mildred,
Peabody.
- Gregsey, Abigail C.,
Pratt.
- Griffith, Jeanette,
Belle Plaine.
- Griffiths, Grace,
Hartford.
- Grobety, Lewella M.,

- Grove, Leila,
Edna.
- Guettel, Morton,
Emporia.
- Gunn, Grace,
Great Bend.
- Gunsaulius, Marie,
Fort Scott.
- Gunselman, Myrtle,
Wakefield.
- Hagans, Bessie,
Utica.
- Hagenmaster, Marie,
Stafford.
- Hahn, Vera,
Minneapolis.
- Hall, Nora M.,
McPherson.
- Hall, Oscar W.,
Kensington.
- Halleck, Lucile,
Abilene.
- Ham, Arthur C.,
Wilsey.
- Hamble, Hazel,
Admire.
- Hamill, Floyd,
Colby.
- Hampy, Ada,
Bucklin.
- Handley, Faye,
Oswego.
- Hanger, Eva,
Wellington.
- Hankins, Grace,
Grenola.
- Hanna, Sadie,
Dodge City.
- Harbough, Lina,
Minneapolis.
- Hargis, Kate,
Kincaid.
- Harlow, Edna P.,
Kingman.
- Harrell, Dancie,
Pleasanton.
- Harris, Alfred,
Emporia.
- Harris, Cathlene,
Eudora.
- Harrison, Grace M.,
Goodland.
- Hart, Pattie,
Grenola.
- Hartenbower, Grover,
Rose Hill.
- Harter, Geo.,
Emporia.
- Harvey, Margaret,
Rosedale.
- Hasper, Dorothy M.,
Hartford.
- Hatfield, Gertrude,
Belle Plaine.
- Hawkins, Glover R.,

- Hawkins, Kathryn E.,
Emporia.
- Hays, Louella,
Ottawa.
- Heideman, Vera,
Emporia.
- Hemphill, Irene,
Norton.
- Henderson, Gladys,
Meriden.
- Hendrickson, Irl A.,
Emporia.
- Hendry, Hazel Velma,
Newton.
- Henley, Edna A.,
Clyde.
- Henry, Inez Mabel,
Cherryvale.
- Henson, Bertha,
Larned.
- Hester, Ethel Julia,
Burr Oak.
- Hetherington, Arthur,
Emporia.
- Hewitt, Pearl Iola,
Ellinwood.
- Hicks, Effie,
Kansas City.
- Hill, Gladys,
Mulvane.

FRESHMEN—Continued.

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|---|---------------------------------------|
| Hinchman, Wm. J.,
Emporia. | Johnson, Birdie,
Yates Center. |
| Hirschler, Walter A.,
Hillsboro. | Johnson, E. G.,
Preston. |
| Hobart, Grace Louise,
Coffeyville. | Johnson, Esther E.,
Yates Center. |
| Hobson, Genevieve,
Richmond. | Johnson, Florence,
Russell. |
| Hogan, Nellie,
Humboldt. | Johnson, Jennie,
Russell. |
| Holladay, Lena,
Augusta. | Johnson, Jessie,
Kingman. |
| Holloway, Sara L.,
South Hutchinson. | Johnson, Lolo,
Kingman. |
| Honeycutt, Vera,
Blue Rapids. | Johnson, Myrtle,
Leavenworth. |
| Honn, Blanche,
Uniontown. | Johnston, Nellie L.,
Towanda. |
| Honn, Pearl Jennie,
Uniontown. | Jones, Agnes,
Sedgwick. |
| Hoover, Beatrice,
Burlingame. | Jones, Edith,
Burton. |
| Hoover, Lucille,
Burlingame. | Jones, Elizabeth,
Emporia. |
| Horn, Will R.,
Russell. | Jones, Helen T.,
Hill City. |
| Horne, Serena Mae,
Williamsburg. | Jones, Hope,
Hill City. |
| Horner, Daniel G.,
Guthrie, Okla. | Jones, Iowa,
Beattie. |
| Houts, Blanche,
Hiawatha. | Jones, Iva,
Emporia. |
| Houts, Grace,
Hiawatha. | Jones, Pearl,
Admire. |
| Howard, Hazel,
Emporia. | Jones, Sylvia,
Emporia. |
| Howard, Ruth Marita,
Belle Plaine. | Jones, Wm. R.,
Reading. |
| Huffman, Leslie C.,
— | Jones, Zell Marjean,
Yates Center. |
| Hughes, John,
Dunlap. | Karr, Mary,
Manchester. |
| Hume, Mrs. Bessie A.,
Emporia. | Kathary, Lucile,
Hamilton. |
| Humfeld, Daisy B.,
Clay Center. | Kaull, Ruth C.,
Salina. |
| Hunt, Walter T.,
Parsons. | Keeney, Rose,
Pawnee Station. |
| Hunter, Edith L.,
Rogers. | Kellenberger, Nellie,
Iola. |
| Hutter, Anna,
Cherryvale. | Kenney, Marian Frances,
Topeka. |
| Ide, May,
Republic. | Kerr, David E.,
Emporia. |
| Irwin, Alea B.,
Bentonville, Ark. | Kimble, Nellie Mae,
Mulvane. |
| Jackson, Loraine,
Kansas City. | King, Edna Faye,
— |
| Joerling, Delia,
Dodge City. | |

FRESHMEN—Continued.

- King, Minnie,
Portis.
 Kjellin, Alice M.,
Garrison.
 Kleile, Louise,
Raymond.
 Klein, Max,
Glasco.
 Klinefelter, Ada,
Cherryvale.
 Knoch, Frieda,
Lincoln.
 Knox, Anna,
Frankfort.
 Knox, Helen,
Frankfort.
 Koebele, Adelaide J.,
Burns.
 Koebele, Apollenia,
Burns.
 Koebele, Emelie,
Burns.
 Koehler, Dora,
Saline.
 Koenitzer, Mabel,
Meriden.
 Kowalski, Mary,
Emporia.
 Kresky, Hattie,
Minneapolis.
 Ladner, J. H.,
Humboldt.
 Lancaster, Genevieve,
Scott City.
 Lang, Matilda,
Tampa.
 Langford, Nellie,
Heizer.
 Lapham, Marsena,
Wetmore.
 Larson, Telka C.,
Lindsborg.
 Larson, Vivian,
Salina.
 Lassell, Louise,
Caldwell.
 Latham, Carrie B.,
Penalosa.
 Latham, Lillian,
Penalosa.
 Lawrence, Rose,
Howard.
 Lee, Elta,
Norton.
 Leighty, Ethel,
La Harpe.
 Lemon, Gladys,
Parker.
 Lemon, Paul,
Portis.
 Lempenau, Clara,
Westmoreland.
 Levan, Ethelinda,
Coffeyville.
 Lewis, Arthur M.,
Burlington.
 Lewis, Benj. H.,
Emporia.
 Lewis, Dennis M.,
Kingfisher.
 Lewis, Stella,
Hoxie.
 Lindsay, Jassamine,
Kansas City.
 Lock, Lora M.,
Emporia.
 Lockhart, Myrtle,
Humboldt.
 Lockman, C. M.,
Wright.
 Long, Ethel,
Murdock.
 Long, Faye,
Madison.
 Long, Ida,
St. John.
 Longfellow, Ettie Belle,
Emporia.
 Lore, Marjorie,
Emporia.
 Low, Grace,
Stockton.
 Lowe, Helen,
Kingman.
 Lower, Beulah,
Gas.
 Lowny, Lena,
Welda.
 Luehung, H. W.,
Hanover.
 Lynch, Nellie,
Herington.
 Lynn, Fred,
Emporia.
 Lyon, Madonna,
Lincoln.
 Lytle, Carol,
Emporia.
 McAllister, Hazel,
Newton.
 McCabe, Jennie,
Onaga.
 McCall, Gretchen,
Lecompton.
 McCluney, Roscilla,
Arkansas City.
 McCollum, Beatrice,
Santa Fe.
 McCollum, Lenora,
Santa Fe.

FRESHMEN—Continued.

- | | |
|---------------------------------------|------------------------------------|
| McCormick, Scott,
Hartford. | Marvin, Lynn,
Emporia. |
| McCollough, Eunice,
Emporia. | Mason, Edith Chloe,
Neodesha. |
| McCullough, Hazel,
Emporia. | Massey, Margaret,
Wichita. |
| McDaniels, Dot,
Lyons. | Matthews, Chesna,
Bucklin. |
| McDonald, Anna,
Hartford. | Maule, Blanche,
Kansas City. |
| McDonald, Bertha,
Hartford. | Maupin, Emma,
Stafford. |
| McDonald, Ella,
Hartford. | Maxfield, Martha,
Syracuse. |
| McDowell, Candace,
Arkansas City. | Meairs, Clifford,
Dodge City. |
| McDowell, Harriet A.,
Tulsa, Okla. | Mendenhall, Ethel,
Burden. |
| McGrath, Alice,
Waverly. | Menehan, F. J.,
Beattie. |
| McIntosh, Joseph L.,
Lost Springs. | Menohar, Phletha,
Salina. |
| McLean, Notie N.,
Peabody. | Mercer, Mrs. Zora,
Emporia. |
| McLean, Opal,
Jewell City. | Meyers, Margaret,
Belle Plaine. |
| McMillere, Bulah,
Louisburg. | Meyers, Mary E.,
Belle Plaine. |
| McMurtry, Gertrude,
Coffeyville. | Mihoover, Etta, |
| McNerney, Anna,
Lucas. | Miller, Adeline,
Olathe. |
| McQuillen, Sophia,
Clifton. | Miller, Annie Lee,
Muscotah. |
| McQuown, Myrtle V.,
Walton. | Miller, Bernice E.,
Horton. |
| MacWarner, Ida,
Burlingame. | Miller, Clara,
Great Bend. |
| Machin, Phoebe,
Wamego. | Miller, Hazel,
Anthony. |
| Macklin, Irma,
Burns. | Miller, Verna Leah,
Burlington. |
| Maga, Josephine,
Conway Springs. | Minger, Hazel M.,
Bern. |
| Magill, Lula Frances,
Mayfield. | Minner, Ratia,
Soldier. |
| Maher, Ruth,
Osawatomie. | Misuer, Frances,
Dodge City. |
| Malhorn, Helen,
Walnut. | Mitchell, Flora,
Republic. |
| Manahan, Ethel,
Wellington. | Monk, Ivy A.,
Niles. |
| Manthey, Kathryn P.,
Argonia. | Monroe, Oreon Lee,
Neodesha. |
| Marlowe, Clarence,
Hartford. | Monypeny, Wm.,
Hartford. |
| Martin, Charles,
Chanute. | Moody, Leora E.,
Riley. |
| Martin, Harry C.,
Chanute. | Moore, Grace,
Hartford. |

FRESHMEN—Continued.

- Moore, Grace,
Peru.
- Moore, Ruby,
Newton.
- Mootz, Gussie,
Dodge City.
- Moran, Mary G.,
Maize.
- Morgan, Edith,
Girard.
- Morgan, Lois Irene,
Walnut.
- Morris, Elinor,
Guthrie, Okla.
- Morris, Julia,
Emporia.
- Morris, Lucile,
Emporia.
- Morris, Mattie,
Garnett.
- Morrison, Josephine,
Tulsa, Okla.
- Morrison, Mary,
Newton.
- Morrow, Aletha,
Spearville.
- Morrow, Veneta B.,
Spearville.
- Mulvaney, Otto,
Erie.
- Murlette, Opal,
Hazelton.
- Murray, Fritz,
Emporia.
- Murray, Julia,
Holyrood.
- Musick, Rosa,
Howard.
- Mustoe, Roscoe,
Murdock.
- Nansen, Effie R.,
Lost Springs.
- Nansen, Iva V.,
Lost Springs.
- Nash, Ray G.,
Axtell.
- Neemechek, Lillie M.,
Abilene.
- Nemechek, Lulu,
Abilene.
- Nothdorf, Lena,
Oskaloosa.
- Northrop,
Dodge City.
- O'Brien, Ella,
Tonganoxie.
- O'Brien, Margaret E.,
Tonganoxie.
- Officer, Earle,
Emporia.
- Oliver, Hazel,
Attica.
- Oliver, Roxy B.,
Herington.
- Olson, Olive G.,
Wichita.
- Oltmanns, Matilda,
Halstead.
- Ott, Anna,
Hamilton.
- Owens, Thomas,
Chanute.
- Paine, Lita M.,
Admire.
- Parker, Ada,
Emporia.
- Parker, Lora,
Bonner Springs.
- Parks, Grace,
Topeka.
- Pasley, Sadie,
Sycamore.
- Paterson, Elizabeth,
Chanute.
- Paterson, Mary V.,
Yates Center.
- Paul, Olive,
Wichita.
- Paxton, Mildred,
Emporia.
- Payne, Lulu,
Mulvane.
- Peairs, Pauline,
Anness.
- Pelzell, Helene,
Harper.
- Pence, Lois,
Oxford.
- Pennington, Thomas,
Emporia.
- Penny, Eugenie,
Wichita.
- Pergrem, Anna,
Belle Plaine.
- Perry, Mary,
Rosedale.
- Peterson, Pearl,
Gypsum.
- Pierson, Wren W.,
Burlington.
- Pinson, Mabel,
Cheney.
- Piper, Helen Elizabeth,
Irving.
- Pixley, Nora E.,
Wamego.
- Polhemus, Clara,
Minneapolis.
- Pratt, McKinley,
Emporia.

FRESHMEN—Continued.

- Price, Jeannette,
Atwood.
- Pringle, Margaret,
Rose.
- Prosser, Ethel,
Plainville.
- Prosser, Lydia,
Osage City.
- Prout, Margaret M.,
Topeka.
- Prowant, Vernie,
Emporia.
- Pruett, Faye,
Larned.
- Pruett, Olive,
Quenemo.
- Ptacek, Ernest,
Emporia.
- Puff, Gertrude M.,
Hartford.
- Puliver, Grazella,
Emporia.
- Quinn, Josephine,
Elmwood.
- Railsback, Mary E.,
Langdon.
- Ralston, Nina,
Elsmore.
- Ramsburg, Elsa,
Emporia.
- Rankin, J. O.,
Emporia.
- Reardon, Elizabeth,
Tonganoxie.
- Record, Grace,
Humboldt.
- Rector, Lillian,
Guthrie, Okla.
- Reeves, Grace Jane,
Cherryvale.
- Reeves, Homer L.,
Grenola.
- Reid, Nellie M.,
Norcatur.
- Reid, Theodore,
Stafford.
- Reipmyder, Emma,
Strong City.
- Reilly, Madge,
Iola.
- Reynolds, Alma,
Osawatomie.
- Rice, Merton N.,
Marion.
- Rich, Elsie,
Emporia.
- Richardson, Celia,
Moline.
- Ricketts, Gladys,
Greensburg.
- Ritchie, Bertha,
Hutchinson.
- Robbins, Bertha V.,
Blackwell, Okla.
- Robbins, Gladys A.,
Blackwell, Okla.
- Robertson, Ada,
Caldwell.
- Robertson, Millie L.,
Emporia.
- Robinson, Chas.,
Nortonville.
- Robinson, Ethel,
Hoxie.
- Rogers, Alice,
Emporia.
- Root, Esther L.,
Olathe.
- Roark, Edith,
Horton.
- Roseberry, Mable E.,
Rantoul.
- Roy, Fred,
Overbrook.
- Rundus, Amos,
Munden.
- Rundus, Benj. A.,
Munden.
- Russell, Edward,
McPherson.
- Ruth, Agnes,
Horton.
- St. John, Mabel,
Homewood.
- Savage, Maude E.,
Durham.
- Scarbough, Ruth,
Bucklin.
- Schaefer, Elizabeth,
Russell.
- Schenck, Helen,
Fairmount.
- Schlegel, Julia,
Fort Scott.
- Schroll, Russell,
Syracuse.
- Scott, Elsie,
St. John.
- Scott, Gladys,
Marysville.
- Scott, Nettie,
Ridgeway, Mo.
- Seaman, O. W.,
Osborne.
- Seavey, Blanche,
Savonburg.
- Seavey, Blanche Ruth,
Herington.
- Sceners, Sarah,
St. John.

FRESHMEN—*Continued.*

- Sewell, Gladys,
Elk City.
- Sharpe, Wm. Arthur,
Garden City.
- Shearer, Winifred,
Frankfort.
- Sheets, Jennie,
Abilene.
- Sheets, Lida Nellie,
Solomon.
- Shephard, Bertha M.,
Nortonville.
- Sheridan, Walter,
Emporia.
- Shields, Gertrude,
Almena.
- Shires, Nellie,
Emporia.
- Showers, Mary,
Neosho Rapids.
- Shuey, Ray L.,
Emporia.
- Shughart, Gladys,
Effingham.
- Shull, Joe M.,
Dighton.
- Shumate, Blanche,
Eskridge.
- Shupe, Eldon Eyra,
Lost Springs.
- Shuyler, Mabel,
Sterling.
- Simpson, Margery,
Horace.
- Skinner, Jettie,
Garden City.
- Slater, Faye,
Fall River.
- Sloan, Jennie A.,
Zenda.
- Slocum, Pearl,
Ensign.
- Smercheck, Eleanor A.,
Blue Rapids.
- Smith, Bessie,
Maplehill.
- Smith, Cecil,
Howard.
- Smith, Eva P.,
Salina.
- Smith, Lester L.,
Hartford.
- Smith, Mary M.,
Natoma.
- Smith, Orra,
Lakin.
- Smith, Vera V.,
Howard.
- Smith, Vesper,
Green.
- Snyder, Carl,
Soldier.
- Snyder, Clara,
Soldier.
- Snyder, Maude Pauline,
Belle Plaine.
- Sonnenberg, E. E.,
Harlan.
- Sopher, Myrtle,
Topeka.
- Soper, Susie,
Hutchinson.
- Spady, E. A.,
Lincolnville.
- Sparks, Lillian,
Wichita.
- Speer, Sarah E.,
Alma.
- Spence, Etta,
Greenleaf.
- Spencer, Alice,
Salina.
- Spencer, Barclay,
Emporia.
- Spencer, Mrs. Elsie M.,
Bonner Springs.
- Spiers, Leah Nora,
Broughton.
- Spring, Gladys,
Bern.
- Stannard, Faye,
Emporia.
- Stark, W. O.,
Elk City.
- Steckel, Ida,
Woodbine.
- Stevens, Georga,
Mankato.
- Stewart, Margaret E.,
Ottawa.
- Stokes, May Belle,
Hillsboro.
- Stone, Irene,
Marysville.
- Stosz, Will,
Beattie.
- Stout, Elsie,
Emporia.
- Strachan, Margaret,
Howard.
- Straka, Hilda,
Emporia.
- Suggs, George W.,
Hartford.
- Summer, Olive,
Caney.
- Swan, Hewitt L.,
Kingfisher.
- Swanson, Esther Helen,
Lawrence.

FRESHMEN—*Continued.*

- Sylvester, Ida,
 Riley.
 Taylor, Bernice,
 Sedgwick.
 Taylor, Nettie,
 Almena.
 Taylor, Roy Hardy,
 Bucklin.
 Thomas, Harry,
 Emporia.
 Thomas, Naomi Jane,
 Hartford.
 Thomas, Ruth,
 Emporia.
 Thomas, Wm.,
 Emporia.
 Thompson, Anna E.,
 Horton.
 Thompson, Josie E.,
 Wathena.
 Tinkler, Rosa,
 Gypsum.
 Tolin, Ernest,
 Soldier.
 Townsend, Florence May,
 Girard.
 Townsend, Janie,
 Girard.
 Traxler, Edwin C.,
 Miltonvale.
 Trull, Mary,
 Garden City.
 Trusler, Ivan,
 Emporia.
 Valk, Blanche Beatrice,
 Kincaid.
 Van Arsdale, Dorinda,
 Salina.
 Vandegrafft, Zacha,
 Quincy.
 Van Patten, Harry,
 Washington.
 Venables, Mabel,
 Bellaire.
 Vawter, Ruth,
 Altamont.
 Venning, Albert J.,
 Grenola.
 Vernita, Floyd,
 Topeka.
 Vickers, Alma,
 Paola.
 Vogel, Roy,
 Easton.
 Wade, Adah,
 Emporia.
 Wagler, Mattie,
 Bucklin.
 Wahl, Edna Bell,
 Independence.
 Waite, Bessie,
 Emporia.
 Waldron, F. C.,
 Louisburg.
 Walker, Hazel,
 Emporia.
 Walker, Nannie E.,
 Lexington, Mo.
 Wallace, Henry,
 Toronto.
 Wallace, Rose,
 Brookville.
 Wallace, Ray,
 Emporia.
 Walters, Fred C.,
 Iola.
 Ward, Faith,
 Sedan.
 Ward, Frankie,
 Topeka.
 Ward, Vannie,
 Emporia.
 Washburn, Retta,
 Jetmore.
 Wasser, Belle,
 Horton.
 Waterman, Florence,
 Florence.
 Watson, Walter M.,
 Geneseo.
 Weatherly, Albert,
 Emporia.
 Webber, Lizzie,
 Logan.
 Weber, Heldegard,
 Horton.
 Webster, Mrs. Lillian Mae,
 Troy.
 Wedell, Emma,
 Emporia.
 Wederbrook, Sue,
 Leavenworth.
 Weeks, Emma J. K.,
 Garden City.
 Weigand, Margaret,
 Burlington.
 Weisdorfer, Ruth,
 Burlington.
 Welch, Myrtle L.,
 Emporia.
 Wells, Emily J.,
 Fort Scott.
 Welton, Lela,
 Fairview.
 Wemmer, Lois,
 Princeton.
 West, Jessie A.,
 Uniontown.
 Weyler, Laura Bonnie,
 Emporia.

FRESHMEN—*Continued.*

- Whaley, Eugenia W.,
 Clarksville, Okla.
- White, Leona,
 Hutchinson.
- Whitley, Edna,
 Emporia.
- White, Alma,
 Havensville.
- White, Carl,
 Emporia.
- Wieland, Clara M.,
 Colby.
- Whitney, Frank Ivan,
 Emporia.
- Whitted, Edith,
 Mulvane.
- Whitten, Mae,
 Marysville.
- Wilcox, Eva G.,
 Newton.
- Wilcox, Mary,
 Newton.
- Wilks, Alice,
 Emporia.
- Williams, Birdie,
 Osawatomie.
- Williams, Ella,
 Hazelton.
- Williams, Gladys,
 Emporia.
- Williams, Roy S.,
 Topeka.
- Williams, Viola,
 Leavenworth.
- Wilson, Ethel,
 Junction City.
- Wilson, Grace E.,
 Tulsa, Okla.
- Wilson, Hazel E.,
 Leoti.
- Wilson, James,
 Lost Springs.
- Wilson, Rena E.,
 Guthrie, Okla.
- Wishard, Ula,
 Emporia.
- Woodson, Nellie,
 Kingman.
- Wooton, Lucy,
 Goodrich.
- Work, Lillian,
 Topeka.
- Workman, Lillian,
 Emporia.
- Wray, Vesta,
 Fredonia.
- Wright, Fae,
 Salina.
- Wristen, Vera,
 Beattie.
- Wynett, Ida,
 Harper.
- Yarger, Mrs. Marie,
 Kingsville.
- Young, Clyde C.,
 Mound City.

SECONDARY SCHOOL.

SENIORS.

CANDIDATES FOR DIPLOMA.

Allsup, Gladys, Hamilton.	James, Harry, Hartford.
Arnall, Paul M., Elk Falls.	Hames, Margaret C., Emporia.
Briggs, Esther,	Kuller, Avis, Emporia.
Clark, Lois, Sawyer.	Katsuezumi, Sototsichi, Kaga, Japan.
Coover, Grace La Verne, Wilson.	Kennedy, Sadie, Kenneth.
Crabb, Harvey, Dover.	Kliewer, Katheryn, Newton.
Cunningham, Leda, Emporia.	Lanning, Geo., Haven.
Crandall, Blanche, Barnes.	Lippe, Gertrude, Miltonvale.
Coleman, Edna, Emporia.	Longfellow, Carl, Elk Falls.
Cox, Solon G., Wichita.	Mallary, Elsie, Emporia.
Duer, Myrtle, Zenith.	Maxwell, Helena, Emporia.
Ellis, Evelyn, Emporia.	Marx, Mabel, Emporia.
Fessenden, Elsie, Emporia.	Orsbourn, Ethel, Emporia.
Fletcher, Elizabeth, Bucklin.	Price, Ruth, Paola.
Fritz, Ethel E., Circleville.	Pegram, Malinda, Virgil.
Gay, Katie B., Stafford.	Quantic, Hermina Mellina, Riley.
Gibson, C. D., La Fontaine.	Railsback, Kathryn, Langdon.
Granger, Charles, Portis.	Rhodes, Rosa M., Emporia.
Hall, Clifford, Emporia.	Ramseyer, Katherine, Emporia.
Harr, Mabel, Emporia.	Robinson, Ina, Melvern.
Haworth, Frieda, Emporia.	Steckel, Wm., Woodbine.
Herndon, Victor, Dwight.	Samuel, Ralph, Emporia.
Hoyt, Stella, Reading.	Saueressig, Ivy, Emporia.
Hart, Harry B., Dexter.	Strutzel, Martha, Olpe.
Ireland, Neal D., Florence.	Van Nice, Fred, Richland.

SENIORS—*Continued.*

Wilson, Marie,
Emporia.

Welch, Rhoda,
Emporia.

Woodruff, A. E.,
Ames.

Young, Eva,
Emporia.

Young, Leslie,
Emporia.

Young, Russell M.,
Jamestown.

NOT CANDIDATES FOR DIPLOMA.

Adams, Lucy H.,
Wichita.

Alden, Orpha L.,
Emporia.

Alexander, Blanche,
Garnett.

Anderson, Ruth,
Dodge City.

Austin, Gertrude,
Emporia.

Beard, Verna,
Osawatomie.

Bennett, Lawrence,
Lovewell.

Blackwood, Minnie,
Emporia.

Blain, L. Alma,
Netawaka.

Booker, Hazel,
Emporia.

Borard, Ray,
Utica.

Boughton, Nellie,
Emporia.

Bowman, Ethel,
Emporia.

Bowman, Melvin E.,
Benedict.

Bradshaw, Clara,
Altoona.

Brown, Albert G.,
Pomona.

Brown, Jack Stuart,
Pleasanton.

Brubaker, Monta,
Sterling.

Burbank, Geneva May,
Richland.

Burns, Katie,
Alta Vista.

Carlile, A. B.,
Mound City.

Carpenter, Clifford,
Paola.

Carpenter, James M.,
Garnett.

Carter, Mary I.,
Minneola.

Cavanaugh, Agnes,
Dighton.

Cleland, Esther,
Emporia.

Cooper, Charlotte,
Osawatomie.

Cowen, James,
Kanopolis.

Cross, Clarence L.,
Emporia.

Davis, Olive,
Emporia.

Donaldson, Hazel,
Garnett.

Dutton, Lawrence,
Concordia.

Edwards, Hugh,
Hamilton.

Ellis, Mary,
Englewood.

Ellis, Sibyl,
Emporia.

Engle, Lowell,
Emporia.

Evans, Florence,
Emporia.

Finley, Adin,
Emporia.

Fox, Eva,
Emporia.

Friend, Sudie,
Emporia.

Fritz, Effa E.,
Circleville.

Fry, Mamie E.,
Hope.

Fuld, Fred,
Longton.

Geelan, Carrie,
Lecompton.

Geiger, Martha E.,
Syracuse.

Grant, Benj. Webster,
Fontana.

Gunzleman, Goldie May,
Emporia.

Haptoustall, Glydeth,
Republic.

Harder, Elvina,
Dunlap.

Hargis, Meade,
Pittsburg.

Heigle, Margaret,
Iola.

Hilyard, Treva,
Severy.

SENIORS—Continued.

- | | |
|---------------------------------------|-------------------------------------|
| Hitchens, Perry T.,
Burlington. | Neibling, Jennie E.,
Holton. |
| Hoback, Athel,
Girard. | Norman, Bessie,
Emporia. |
| Halderman, Loraine,
Long Island. | O'Connor, Hanna,
Blaine. |
| Howard, Grace,
Shaw. | Oliger, Arthur L.,
Emporia. |
| Howard, Nellie,
Shaw. | Park, Mrs. Hallie,
Elmdale. |
| Hoyt, Esther,
Reading. | Pearsoll, Keith,
Santa Fe. |
| Jaynes, Eva L.,
Meriden. | Pierce, Mae,
Emporia. |
| Jefferson, Katherine,
Kansas City. | Price, Arthur L.,
Emporia. |
| Kapplemann, Otto B.,
Linn. | Ptacek, Leo,
Emporia. |
| Kirchner, Arthur E.,
Baldwin. | Pughe, Margaret,
Emporia. |
| Kretsinger, Violet,
Emporia. | Rahe, Anna W.,
Winkler. |
| Kruger, Lottie,
Leavenworth. | Randall, Harry E.,
Longford. |
| Kunz, Homer Marion,
Emporia. | Ray, Dora,
Atlanta. |
| Laird, Homer U.,
Emporia. | Raymond, Jesse C.,
Haven. |
| Lamb, Leola M.,
Dunlap. | Raymond, Lois B.,
Long Island. |
| Lippe, Anna,
Miltonvale. | Reese, Mrs. Edna I.,
Bronson. |
| Loevengeuth, Oscar,
Udall. | Reynolds, F. Lee,
Pratt. |
| Lyman, Marian,
Garfield. | Riley, Le Roy,
Wellsville. |
| Lyness, Bessie,
Walnut. | Rogers, Gertrude Bell,
Burr Oak. |
| McCants, Hallie,
Emporia. | Rorick, Floyd,
Hamilton. |
| McConnell, Mabel C.,
Cherryvale. | Ross, Evelyn L.,
Ness City. |
| McCrorry, Maurice,
Emporia. | Rost, Fred,
Wauneta. |
| MacElree, Mrs. Harriet,
Emporia. | Rumsey, Florence,
Emporia. |
| McMurtrey, Arloene E.,
Sharon. | Shaner, Cozette,
Parsons. |
| Madden, Gaylord,
Emporia. | Sheets, Dora,
Abilene. |
| Main, Claude E.,
Stafford. | Simpson, Harold,
Emporia. |
| Malmgrin, Ruth,
Falun. | Smith, Sam J.,
Florence. |
| Mayer, Grace,
Lakin. | Sonnedecker, Vesta,
Emporia. |
| Mendell, Ira S.,
Colony. | Spencer, Ambrose,
Emporia. |
| Miller, Anna J.,
Gardner. | Stanfield, James E.,
Chanute. |

SENIORS—*Continued.*

Stevens, Nora K., Emporia.	Weimer, Helen, Le Roy.
Stites, W. Lee, Mound City.	White, Ella B., Corning.
Strutzel, Theresa, Olpe.	White, Ila C., Corning.
Todd, Elizabeth Mary, Liberal.	Whitehouse, Ada, Eskridge.
Vickers, William Alonzo, Franklin.	Williams, Opal, Inman.
Warren, Esker, New Ulysses.	Yokum, Verda, Welda.

JUNIORS.

Adams, Agnes L., Langdon.	Brown, Florence E., Healy.
Adams, Dollie, Iola.	Burri, Minnie, Dunlap.
Akers, Neale E., Emporia.	Calkins, Elma, Olivet.
Ard, Viva, Elsmore.	Carlile, Edith, Emporia.
Bailey, Mary, Emporia.	Carter, Eva, Harveyville.
Baker, Martha E., Fulton.	Chambers, Ima L., Oketo.
Baptist, Leona, Emporia.	Clements, Ora, Chanute.
Beatty, Dona Blanche,	Cole, Harry Julius, Emporia.
Betz, George J., Asherville.	Cole, Hazel, Emporia.
Bicker, Sarrah E., Dunlap.	Conroy, Susan, Manhattan.
Bivins, Mark Ferest, New Albany.	Cosand, Chester, Cuba.
Boone, Mrs. A. P., Emporia.	Crane, Florence, El Dorado.
Boots, Grace, Farlinville.	Cromley, Kate, Mulvane.
Bowen, Bertha H., Independence.	Davis, Beth, Garden City.
Bowman, Carl A., Benedict.	Davis, Gladys, Emporia.
Brashear, Josephine, Hamilton.	Davis, Olive L., La Cygne.
Briggs, Lulu, Sedan.	Downing, Myrtle, Little River.
Briley, Carl, Chanute.	Downing, Nellie Bly, Hamilton.
Brown, Bertha, Emporia.	Drake, Fannie, Hazelton.
Brown, Calvin, Parkerville.	Fawl, Altha Laurena, Overbrook.
Brown, Dwight, Emporia.	Fawl, Edna, Overbrook.
Brown, Elizabeth, Emporia.	Fenton, Florence, Hazelton.

JUNIORS—Continued.

- Fesler, Pauline,
 Chanute.
 Fetrow, Ruth,
 Attica.
 Findley, Nellie,
 New Ulysses.
 Finley, L. Maude,
 Cherryvale.
 Finerty, Anna,
 Hartford.
 Fitzpatrick, Lillian,
 Emporia.
 Fleming, Edna,
 Soldier.
 Foltz, Anna,
 Plainville.
 Fox, James,
 Emporia.
 Franklin, Blanche,
 Larned.
 Freeman, Earl,
 Simpson.
 Freeman, Julia,
 Simpson.
 Funck, Viggo,
 Emporia.
 Gamble, Achsah,
 Enid, Okla.
 Gee, Willis,
 Emporia.
 Gilman, Pearl,
 Emporia.
 Gist, Tippia E.,
 Bushong.
 Godfrey, Lora,
 Centerville.
 Godwin, Bessie,
 Council Grove.
 Gordon, Ada,
 Mulhall, Okla.
 Graham, Onia Inez,
 Neodesha.
 Greenlee, Harvey,
 Emporia.
 Greenlee, John J.,
 Americus.
 Gregory, J. Estell,
 Langdon.
 Griblin, Mildred,
 Virgil.
 Griggs, Hester,
 Olivet.
 Hall, Della,
 _____.
 Hall, Mrs. Mary J.,
 Emporia.
 Hamlin, Roy,
 Utopia.
 Hamner, Belle,
 Effingham.
 Hebrank, Emma,
 Council Grove.
 Heglin, Emma S.,
 Superior, Neb.
 Hendrickson, Floyd,
 Emporia.
 Henline, Lottie,
 Arkalon.
 Henry, Esther,
 Emporia.
 Hillier, Louese A.,
 Fulton.
 Hinton, Amey,
 Emporia.
 Hoffman, Olive,
 Altoona.
 Hollor, Daisy,
 Emporia.
 Hooker, Violet,
 Emporia.
 Hothan, Mary L.,
 Lyndon.
 Hurley, Genevieve,
 _____.
 Hurst, J. Byron,
 Jefferson, Okla.
 Hyde, Emerson,
 Paola.
 Jaquith, John W.,
 Americus.
 Jarrett, Beth Lucy,
 Chanute.
 Jensen, Bernard,
 Emporia.
 Jensen, John,
 Emporia.
 Jones, Esther M.,
 Emporia.
 Jones, Hazel,
 Emporia.
 Jones, Vera Dell,
 Quincy.
 Jordon, Jessie,
 Liberal.
 Josserand, Guy D.,
 Pierceville.
 Ketchersid, John,
 Hope.
 Keys, Mattie,
 Sterling.
 Kilbridge, Irene,
 Emporia.
 Kirkpatrick, Ethel,
 Montrose.
 Kirkpatrick, Florence,
 Montrose.
 Klein, John David,
 Lucas.
 Knisely, Carrie,
 La Cygne.

JUNIORS—*Continued.*

- Kruger, Edith,
Bison
- Kunz, Lottie,
Emporia.
- Laird, Hazel,
Emporia.
- Linscheid, Ernest,
Arlington.
- Lott, Nina,
Wellsville.
- Loveless, Madeline E.,
Emporia.
- Lusk, E. Sarah,
Olivet.
- McConnell, Edith E.,
Council Grove.
- McEvoy, Helena,
Emporia.
- McEvoy, Josephine,
Emporia.
- McKay, Fern,
Thayer.
- Maddox, Letha,
Hazelton.
- Magill, Etta,
Mayfield.
- Manlove, Rosa,
Andover.
- Mares, Cecile,
Emporia.
- Matchett, Mrs. Myrtle,
Beattie.
- Mayberry, Mignon,
Emporia.
- Mayer, Gertrude,
Lakin.
- Mehl, Geo.,
Emporia.
- Meyer, Elmer,
Linn.
- Meyer, Mamie,
Linn.
- Mickey, John R.,
Wichita.
- Millard, Winona,
Larned.
- Miller, Clara,
New Ulysses.
- Mills, Edith,
Emporia.
- Montgomery, Agnes,
Emporia.
- Moore, Emma L.,
Stafford.
- Morehead, Elsie M.,
Republic.
- Morris, Lottie,
Minneapolis.
- Nolte, Mrs. Adar,
Healy.
- Norris, Laura L.,
Winkler.
- Orsborn, Gladys,
Emporia.
- Paidrick, Mrs. Lettie H.,
Wichita.
- Paulus, Lydia,
Newton.
- Payne, Marguerite,
Emporia.
- Pistorius, Grant,
South Haven.
- Powers, Mary E.,
Emporia.
- Prescott, Russell,
Emporia.
- Price, Manford,
Emporia.
- Pritchard, Ed.,
Fall River.
- Read, Carrie,
Homewood.
- Rees, Irma,
Emporia.
- Retschlag, Ernest,
Emporia.
- Richards, Ethel,
Centerville.
- Richards, Marvin,
Howard.
- Richman, Wm. H.,
Earleton.
- Riisoe, Edna,
Kinsley.
- Rimmer, Stella,
Utopia.
- Rosacker, Joe,
Emporia.
- Ross, Hattie,
Meade.
- Ross, Mary,
Delphos.
- Ross, Wilburn,
Coldwater.
- Rowan, Jessie B.,
Buffalo.
- Rufi, John,
Urbana.
- Seacat, Dona,
Ashland.
- Leé, Lucy,
Overbrook.
- Smiley, Laura,
Silver Lake.
- Smith, Hart,
Atlanta.
- Smith, Irl,
Kincaid.
- Smith, Lillian Ray,
Atlanta.

JUNIORS—*Continued.*

Smith, Lizzie, Summerfield.	Trout, Emma, Burley.
Smith, Manly W., Emporia.	Tunney, Leslie, Emporia.
Smith, Merl G., Florence.	Turner, Ava, Chanute.
Somers, Addie, Canton.	Turner, Eva, Chanute.
Spence, Nellie, Greenleaf.	Ward, Inez Ethel, Le Roy.
Stewart, Augustine, Lawrence.	Watson, Neva, Minneapolis.
Stites, Russell, Mound City.	Wecker, Clara, Emporia.
Stockton, Caroline, Ottawa.	West, Carl S., Emporia.
Strayer, Herbert, Mahaska.	Williams, Mary R., Emporia.
Terwilliger, Ina, Riley.	Williamson, Ralph, Emporia.
Thomas, Mable Frances, Blaine.	Winston, Mrs. Anna B., Lawrence.
Todd, Alice Pearl, Emporia.	Young, Crystal Ruth, Savonburg.
Tracy, Lillian May, Topeka.	Young, Earl, Savonburg.

SOPHOMORES.

Acheson, Mabel, Wayne.	Brown, Lula, Parkerville.
Adams, Herbert, Langdon.	Brown, Luvenna Bell, Topeka.
Adams, Ruth W., French.	Brown, Zella, Parkerville.
Amphlett, Anna, Neodesha.	Bubnerkemp, Edith, Densmore.
Anderson, Ada F., Homewood.	Burri, Clara, Dunlap.
Anderson, Beatrice, Emporia.	Cain, Lewis, Yates Center.
Anderson, John Milton, Levant.	Calkins, Cocena, Olivet.
Attkisson, Mae, Hepler.	Calkins, Irven R., Olivet.
Austenfeld, Mary Rosa, Emporia.	Carlile, Josephine, Mound City.
Bailey, Irene, Utopia.	Chambers, Iva E., Oketo.
Baptist, Myrna, Emporia.	Clawson, Harry R., Ransom.
Barrington, Percy, Emporia.	Colwell, Margaret, Emporia.
Barrow, Percy, Greensburg.	Corporon, Ina Pearl, Topeka.
Bigby, Willa E., Kansas City.	Cox, Chrissie, Reading.
Brinkman, Justina, Olpe.	Cox, Leonard, Englewood.

SOPHOMORES—*Continued.*

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| Crandall, Doris,
Barnes. | Giles, Minnie,
Wichita. |
| Cross, Mabel,
Emporia. | Gillespie, Anna,
Rose. |
| Culbertson, Ethel,
Hepler. | Godsey, Edith,
Emporia. |
| Culbertson, Paul,
Emporia. | Gordon, Clarence A.,
Admire. |
| Cunningham, George,
Emporia. | Gordon, Jessie Belle,
Liberal. |
| Curtiss, Cline,
Clinton. | Gordon, Mildred,
Jefferson. |
| Czapanskey, Lucy,
Aurora. | Goviell, Vinnettia,
Mullinville. |
| Dahlsten, Edla,
Fremont. | Granger, Elfa,
Meade. |
| Davis, Laura,
Emporia. | Granger, Ola,
Meade. |
| Davis, Lelia Clair,
Bucklin. | Greenlee, Gladys,
Emporia. |
| Delsaver, Fannie,
Athol. | Guthrie, Martha,
Neola. |
| Dixon, Judith,
Leon. | Halbe, Blanche,
Dorrance. |
| Doherty, Inez,
Durham. | Hall, Zella,
Emporia. |
| Dore, Catherine,
Coffey. | Haney, Reta,
Ozawkie. |
| Doverspike, Mary,
Alta Vista. | Harder, Laurenia,
Dunlap. |
| Earnshaw, Essie,
Lebo. | Hardin, Ruth C.,
Emporia. |
| Eastman, Dorothy,
Matfield Green. | Harvey, Iva,
Strawn. |
| Eastman, Grace,
Matfield Green. | Hatch, Belle,
Seneca. |
| Edwards, Mildred,
Emporia. | Hatcher, Isaac,
Emporia. |
| Edwards, Phil,
Emporia. | Hebank, Lillie,
Council Grove. |
| Ely, Marguerite,
Hamilton. | Hebank, Tillie E.,
Council Grove. |
| Fisher, Elva,
Cedar Point. | Heddin, Agnes E.,
Lindsborg. |
| Fleming, Cassie,
Emporia. | Hemenway, Ruth,
Emporia. |
| Fletcher, Anna,
Pleasanton. | Hensley, Edwin,
Emporia. |
| Fowler, Mina,
Fredonia. | Hiller, Clara,
Assaria. |
| Frazier, Frank,
Norton. | Hitchens, Nina,
Burlington. |
| Funk, Sara,
Hillsboro. | Holman, India L.,
Reading. |
| Gardner, Dora,
Tampa. | Howell, Thomas,
Emporia. |
| Gaston, Nelly,
Erie. | Hubber, Bernadine,
Emporia. |
| Geesling, Ethel,
Turon. | Huenergardt, Irma E.,
Durham. |

SOPHOMORES—*Continued.*

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|---|-----------------------------------|
| Hultz, Laura,
Emporia. | Magathen, Emmett,
Emporia. |
| James, Irah,
Mapleton. | Martin, Clyde N.,
Mound City. |
| James, Ruby Ruth,
Lyon. | Martin, Hazel,
Emporia. |
| James, Ruth,
Mapleton. | Marx, Bessie,
Emporia. |
| James, Steva Pearl,
Emporia. | Mavis, Adelle,
Osage City. |
| Jenson, Edna,
Quenemo. | Meeder, Edward,
Emporia. |
| Johnson, Addie V.,
Alta Vista. | Mesic, Edna,
Burlington. |
| Johnson, Betty,
Assaria. | Miller, Dean,
New Ulysses. |
| Kanaga, Ethel,
Ness City. | Miller, Ralph,
Garden City. |
| Keefover, Iva,
Barnes. | Miller, Roy,
Inman. |
| Keeney, Flora,
Pawnee Station. | Minton, Frances,
Neosho Falls. |
| Kelley, Edith,
Emporia. | Mitchell, Mary,
Republic. |
| Kelley, Marjorie, | Moore, Blanche,
Gridley. |
| Kincheloe, Daisy,
Centerville. | Morris, Bessie,
Emporia. |
| King, Eva S.,
Emporia. | Morton, Mary,
Fall River. |
| Knisely, Alta,
La Cygne. | Nelson, Anna,
Falun. |
| Kuykendall, Myrtle,
Osage City. | Nelson, Esther,
Herington. |
| Lanterman, Emma,
Atlanta. | Neuenschwander, Rose,
Madison. |
| Levering, Roland,
Hamilton. | Newman, Florence,
Virgil. |
| Liggett, Lois Mae,
Rosalia. | Newton, Bertha,
Sharon. |
| Loyd, Ethel Daisy,
Rantoul. | Noonan, Anna E.,
Lebo. |
| Lippe, Gladys,
Miltonville. | Norton, V. Fern,
Haviland. |
| Lockman, Edna,
Wright. | Olson, Gorda,
Wichita. |
| Longfellow, Daisy,
Emporia. | O'Roke, Fern,
Fairview. |
| McCarter, Meda,
Emporia. | Page, Virgie,
Hamilton. |
| McClain, Stella,
Delia. | Payne, Lula,
Howard. |
| McClauskey, Elizabeth,
Quincy. | Payne, Zella,
Howard. |
| McConnell, A. Donald,
Council Grove. | Perrine, Ocie,
Sedan. |
| Mabie, Alice E.,
Geneva. | Peters, Marie,
Parkerville. |
| Mace, Addie,
Beloit. | Peterson, Alice,
Lost Springs. |

SOPHOMORES—*Continued.*

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| Petty, Elenora C.,
Olivet. | Spencer, Florence,
Richmond. |
| Pike, Lura Lee,
Sycamore. | Spencer, Majill,
Wyandotte, Okla. |
| Poyzer, Laura,
Emporia. | Stanton, Elizabeth,
Emporia. |
| Pringle, Robena,
Rose. | Stark, Arzie,
Elk City. |
| Ragland, Flosse M.,
Emporia. | States, Kate,
Emporia. |
| Ray, Ella L.,
Atlanta. | Steckel, Louise,
Linwood. |
| Ray, Orlye,
Atlanta. | Stout, Nellie Garnett,
Emporia. |
| Richards, Earle,
Emporia. | Streiff, Ida,
Ensign. |
| Richardson, Effie Lucy,
Moline. | Strong, Ella,
Mount Hope. |
| Riggs, Berenice,
Florence. | Sturmans, Nellie E.,
Emporia. |
| Ring, Fulton D.,
McPherson. | Swearingen, Florence,
Lucas. |
| Rogers, William,
Emporia. | Swendig, Louise,
Sedgwick. |
| Rollwick, Wilhelm,
Independence. | Swift, Ruth,
Delavan. |
| Root, Elizabeth,
Gardner. | Taylor, Mabelle,
Zeandale. |
| Root, Evelyn,
Mayetta. | Taylor, Neva,
Zeandale. |
| Roy, Flossie,
Wilsey. | Waite, Earle,
Emporia. |
| Ruggles, Helen,
Emporia. | Waite, Erwin,
Emporia. |
| Scott, Myra,
Hepler. | Ward, Edna,
Perry. |
| Shaw, Agnes,
Louisville. | Warren, Walsie,
Lamson. |
| Signer, Walter,
Howard. | Watkins, Myron,
Emporia. |
| Simmons, Guy,
Dunlap. | Watts, Myrtle,
Burlington. |
| Simmons, Stella,
Dunlap. | Welch, Kenneth,
Emporia. |
| Simpson, Paul,
Emporia. | Welden, Ethel,
Sylvia. |
| Skonberg, Mabel,
Osage City. | Wells, Donald L.,
Emporia. |
| Sloyer, Elsie,
Emporia. | Wemmer, Adelaide M.,
Princeton. |
| Smiley, Hazel,
Silver Lake. | Wenzel, Bennett,
Emporia. |
| Smith, Marie,
Emporia. | Wernitch, Margaret J.,
Hanover. |
| Smith, Warren,
Emporia. | Whittemore, Caroline,
Emporia. |
| Smith, Winnie W.,
Minneapolis. | Whittemore, Ida,
Emporia. |
| Spence, Nellie, | Williamson, Esther,
Emporia. |

SOPHOMORES—*Continued.*

Willsey, Alta,
Neodesha.
Wolfe, Mrs. Carrie R.,
Plymouth.
Wollard, Fred M.,
Kincaid.
Woodard, Hazel,
Emporia.

Wright, M. O.,
Dwight.
Yinger, R. V.,
Johnson City.
Zavodsky, Anna,
Cuba.

FRESHMEN.

Agrelius, Kenneth,
Emporia.
Allen, Forrest,
Chanute.
Allen, Henry A.,
Washington.
Allen, Viola,
Council Grove.
Altus, Bessie,
Emporia.
Anderson, Effie,
Emporia.
Andreas, Myrna,
Emporia.
Arnel, Gertrude,
Fall River.
Arnel, Nora,
Fall River.
Attkisson, Alta,
Hepler.
Attkisson, Ester,
Hepler.
Balding, Florence,
Medicine Lodge.
Barnhart, E. Earl,
Overbrook.
Barnhart, Oscar,
Overbrook.
Barrett, Georgia,
Pawnee Rock.
Barrow, Fred L.,
Greensburg.
Baugh, Clarence,
Emporia.
Bazil, Alven Edgar,
Arkansas City.
Bell, Gladys,
Alta Vista.
Bennett, Thomas,
Emporia.
Bodine, Alta,
Burlingame.
Bodine, Effie,
Burlingame.
Boggs, Arthur,
Emporia.
Bourm, Ettie M.,
Emmett.
Bourm, Goldia,
Emmett.

Bowman, Everett,
Fredonia.
Bracken, Lucy,
Altoona.
Bradfield, Roy,
Attica.
Bradley, Margaret,
Parker.
Braucher, Margaret,
Emporia.
Butler, Miranda,
Emporia.
Byler, Elizabeth Ruth,
Newton.
Carter, Elizabeth,
Plymouth.
Carter, Herman,
Emporia.
Carter, Zula,
Emporia.
Cartmel, Alma,
Emporia.
Chamberlin, Ernest,
Beeler.
Chambers, Bessie,
Milford.
Chambers, Ivy,
Syracuse.
Clark, Ethyle,
La Fontaine.
Coleman, M. Rosetta,
Emporia.
Cook, Delmont,
Fredonia.
Cornell, Ruth E.,
Wakefield.
Corporon, George,
Topeka.
Cox, Chrissie,
Reading.
Cranshaw, Alfred,
Fredonia.
Crihfield, Tillie P.,
Ashland.
Crist, Alice,
Marquette.
Crist, Emily,
Marquette.
Crowell, Grace E.,
Alta Vista.

FRESHMEN—*Continued.*

Cunningham, Sadie, Americus.	Francis, LeRoy, Natoma.
Cunningham, Vanita, Americus.	Francis, Willard, Natoma.
Darrin, Stella, Parker.	Friend, Frances Lee, Emporia.
Davidson, Edna, Burlington.	Fritz, Lula J., Circleville.
Davidson, Ruth, Altoona.	Fulner, Mabel, Cherryvale.
Davis, Maude, Clearwater.	Gardner, Flossie, Norwich.
Detlor, Agnes, Grantville.	Gardner, Lawrence, New Albany.
Dillett, Laura, Hunter.	Gardner, Sadie Jane, Tampa.
Dillon, Franklin L., Emporia.	Geelan, Salom Locust, Lecompton.
Doran, May, Emporia.	Geesling, Edith, Turon.
Dowell, Clettie E., Lebo.	Gibbs, James, Elk Falls.
Drake, Mattie, Blue Mound.	Gibson, Ruth, Emporia.
Duffield, Maude, Garden City.	Gilman, Esther, Emporia.
Duer, Joe, Zenith.	Godfrey, Ethel, Centerville.
Dulebohn, Irl H., Kearney.	Good, Goldia, Wilsey.
Dunblazier, Doris, Emporia.	Good, Nora, Hymer.
Dwelle, Donald, Cedar Point.	Grant, Ethel, Emporia.
Eastin, Arlington, Emporia.	Green, E. Viola, Brownell.
Elmore, Harvey, Elk City.	Green, Grace C., Brownell.
Erikson, Anna B., Junction City.	Greenlee, Vernon, Emporia.
Fairchild, Lucy R., Earlton.	Gross, Vesta, Emporia.
Fawl, Maudie Marie, Overbrook.	Hall, Estella, Atlanta.
Fenton, Hilsie, Sylvia.	Hamilton, George, Topeka.
Filinger, Willie, Cuba.	Hammond, Clara, Reading.
Finnell, Leona M., Emporia.	Hammond, Perley, Emporia.
Fisher, Hazel, Parker.	Hardesty, Ida May, Emporia.
Fisher, Simon, Cedar Point.	Harrell, Mary, Attica.
Forbes, Eunice, Emporia.	Harris, Anna, Murdock.
Ford, Edwin Roscoe, Emporia.	Harris, Estelle, Geuda Springs.
Forsythe, Clema, Fredonia.	Hart, Myrl, Norton.

FRESHMEN—*Continued.*

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| Haver, Essie,
Atlanta. | Jones, Fern,
Emporia. |
| Hawley, Clara,
Hutchinson. | Jones, Lucile,
Emporia. |
| Haynes, Ernestine,
Emporia. | Jones, Malcom,
Emporia. |
| Haynes, Virginia,
Emporia. | Jones, Minnie,
Milton. |
| Hays, Nellie,
Osawatomie. | Kean, Howard,
Emporia. |
| Heam, Thos.,
Yates Center. | Kennedy, Mabel R.,
Emporia. |
| Hearting, Mary,
Brownell. | Kennedy, Ruth E.,
Emporia. |
| Hedger, Andrew J.,
New Ulysses. | Kershner, Lilly,
Fort Scott. |
| Hedrick, Hallie Etta,
Heizer. | Keys, Cora,
Sterling. |
| Herrick, Owen L.,
Emporia. | Knight, Paul,
Emporia. |
| Hinman, Lucy,
Lafontaine. | Koci, Eva,
Auburn. |
| Hinton, Carrie,
Fulton. | Koontz, Lois,
Emporia. |
| Hodges, Amorette,
Emporia. | Laird, Minnie,
Harper. |
| Hodgson, Margaret,
Fort Scott. | Lansdowne, Katie,
Wichita. |
| Holmes, Grace A.,
Brownell. | Lapham, Walter,
Emporia. |
| Horten, Elsie,
Emporia. | Lee, Eung Soon,
Emporia. |
| Hoyt, Ethel,
Reading. | Leptell, Elsie Mae,
Wilsey. |
| Hudson, Jewell,
Rogers. | Linhart, Catherine,
Irving. |
| Hughes, John,
Dunlap. | Lizer, Geo. L.,
Westphalia. |
| Hull, Mary L.,
Wellington. | Loveless, Hazel,
Emporia. |
| Humphrey, Floyd,
Liberal. | McCall, LaRoy,
Lebanon. |
| Hunter, Mildred,
Emporia. | McCants, Myrtle E.,
Emporia. |
| Hunter, Zella Z.,
Longton. | McCarty, Esther,
Vermillion. |
| Hutchison, Paul G.,
Emporia. | McCowley, Elizabeth,
Hollenberg. |
| Hymer, Gertrude,
Belle Plaine. | McCracken, Anna,
Rose Hill. |
| Ito, Takeshi,
Suma, Japan. | McDill, Hardin,
Emporia. |
| Jaques, Mrs. Ella,
Elmdale. | Manly, Wm.,
Diamond Springs. |
| Jeremy, Ralph,
Emporia. | Marburger, Esther,
Emporia. |
| Johnson, Ola,
Olivet. | Martin, Walter,
Chanute. |
| Jones, Colin C.,
Emporia. | Mathew, Mae,
Earleton. |

FRESHMEN—Continued.

- Mauck, Anna,
Ness City.
- Maxfield, Leonard,
Syracuse.
- Maxson, Della,
Emporia.
- Megaffin, Mabel,
Cairo.
- Mehl, Sebern,
Emporia.
- Meyer, Hulda,
Lehigh.
- Miller, Blanche,
Houston.
- Miller, Viola,
Clifton.
- Miser, Cora J.,
Diamond Springs.
- Morrissey, Mae,
Frankfort.
- Murdock, Florence L.,
Ness City.
- Murdock, Ora,
Ness City.
- Murray, Roy,
Simpson.
- Nash, Ermyl,
Long Island.
- Nelson, Edith,
Mapleton.
- Nelson, Gertie,
Mapleton.
- Noffsinger, Cecil,
Fall River.
- Noffsinger, Ula,
Fall River.
- Norman, Russell,
Howard.
- Obley, Florence,
Saffordville.
- O'Connor, Tessie,
Emporia.
- Orr, Geneva L.,
Reading.
- Parsons, Ralph,
Montrose.
- Payne, Lillian,
Emporia.
- Peters, Helen,
Emporia.
- Peterson, Phoebe,
Lost Springs.
- Petford, Nellie,
Emporia.
- Pinney, Frances,
Wright.
- Price, Blanche,
Earlton.
- Radke, Mary,
St. John.
- Ramsey, Harry H.,
Kelso.
- Randolph, Florence,
Emporia.
- Randolph, John,
Emporia.
- Randolph, Mrs. W. E.,
Fairview.
- Rasmussen, Gottfrey A.,
Emporia.
- Read, Dessa,
Ottawa.
- Reat, George,
Emporia.
- Reddington, Esther,
Harris.
- Reinert, Henry,
Riverside.
- Retschlag, Esther,
Emporia.
- Riggin, Besse,
Burlingame.
- Ritchie, Morris,
Emporia.
- Ross, Florence,
Uneda.
- Rothrock, M. Reba,
Culver.
- Ruff, Abbie S.,
Hodgeman.
- Rumford, Fred,
Jetmore.
- Sadler, Mary,
Emporia.
- Samuel, Harry S.,
Emporia.
- Sanders, Vesta,
Marion.
- Savage, Maude,
Durham.
- Schoonover, Pearl,
Laird.
- Scott, Zella,
Ransom.
- Secrest, Cora,
Hudson.
- Sheridan, Philip,
Clements.
- Shields, Marie,
Emporia.
- Short, Wendell,
Emporia.
- Shupe, Clelia,
Sitka.
- Simmons, Bertha,
Dunlap.
- Singley, Flora E.,
Plains.
- Skonberg, Myrtle,
Osage City.

FRESHMEN—Continued.

Smith, Della, Admire.	Turley, June, Fulton.
Smith, Esther, Emporia.	Ullman, Margaret, Severy.
Smith, J. A. G., Sabetha.	Valyer, Ernest E., Allen.
Smith, Viola, Nekoma.	Van Voris, Lucile, Emporia.
Suell, Mattie, Paola.	Varney, Katherine E., Emporia.
Sparman, Caroline, Green.	Varvel, Waldo W., Vernon.
Sprague, Eunice, Howard.	Vickers, Olive, Franklin.
Stanford, Nellie, Emporia.	Wallace, Wm. A., Ransom.
Stannard, May, Emporia.	Walton, Zella, Emporia.
Stark, Alvin, Elk City.	Wanington, Arlo, Oak Valley.
Stenger, Barbara, Wayne.	Warren, Minnie, Lawson.
Stephens, Faye L., Walnut.	Welch, Marian, Emporia.
Stittsworth, La Verne, Milford.	Wenger, Matilda, Junction City.
Stolfus, Mrs. Ella E., Herington.	Wenger, Marie, Junction City.
Strong, Cora, Overbrook.	Wilcox, Alice, Cunningham.
Strube, Ernest, Emporia.	Williams, Capy, Emporia.
Taylor, Susie B., Murdock.	Williams, Hazel, Osawatomie.
Thomas, Elizabeth, Emporia.	Wilson, Gladys, Emporia.
Traxler, Arthur E., Miltonvale.	Wilson, Sadie, Reading.
Troll, Anna, Emporia.	Wingert, Ralph, Paola.
Trumble, Robt. K., Emporia.	Woodard, Florence, Emporia.
Turkle, Dwight, Emporia.	Yelton, Anna, Harper.

CORRESPONDENCE STUDY.

Adams, Junita, El Dorado.	Busenbark, Connie, Eskridge.
Adams, Mary, Mount Hope.	Butts, Fannie, Fredonia.
Adamson, Virginia M., Erie.	Calkins, Ray, Dunlap.
Albin, Estella, Goodland.	Cannon, Jno. L., Beattie.
Bement, May E., Hooser.	Carlile, A. B., Mound City.
Brock, Edythe, Emporia.	Carpenter, James M., McCracken.
Burbank, Geneva May, Richland.	Carroll, Bessie M., La Cygne.

CORRESPONDENCE STUDY—*Continued.*

Charles, Cora B., Hudson.	Minner, Roxie, Neosho Falls.
Cole, Edith, Topeka.	Monypenny, Mabel, Waverly.
Crane, Alma, Wichita.	Morgan, Lois, Hepler.
Curtiss, Cline, Clinton.	Osborne, Mrs. Elizabeth, St. John.
Detlor, Grace, Topeka.	Parker, Lora, Bonner Springs.
Englund, Sigrid, Lindsborg.	Partridge, Harriet, Macksville.
Felter, Harry W., Glasco.	Rankin, C. M., Kinsley.
Franklin, Blanche, Larned.	Reid, Nellie M., Norcatur.
Franzen, J. H., Moundridge.	Seevers, Sarah, St. John.
Frazier, Frank, Winfield.	Shedd, Bessie H., Augusta.
Freeman, Loura L., Granada, Colo.	Simpson, Margery, Horace.
Fry, Mamie E., Hope.	Sowash, Jennie, Quinter.
Hangen, Eva, Mayfield.	States, Mozella, San Simon, Ariz.
Harrison, Grace M., Barnard.	Stark, W. O., Hope.
Harvey, Cora E., Kincaid.	Steel, Robert, Bascome, Okla.
Henderson, Clara Gladys, Silver Lake.	Stevens, Nora K., Norwich.
James, Ivah, Bronson.	Tate, John, Cummings.
Johnson, Addie V., Alta Vista.	Taylor, Elizabeth, Englewood.
Johnson, Florence, Russell.	Thompson, Addie, Fredonia.
Kinsey, Jennie, Kingman.	Thompson, C. A., Walton.
Knowles, Jessie, Caldwell.	Thompson, Henry R., Cottonwood Falls.
Kraemer, Cornelius, Vermillion.	Thompson, Mrs. Lou B., Cottonwood Falls.
Kropf, Irene, Little River.	Towles, Hester, Topeka.
Larson, Mary E., Marquette.	Townsend, Janie, Girard.
Lee, Elta, Norton.	Walker, E. A., Lyndon.
Lewis, Dennis M., Kingfisher, Okla.	Ward, Frankie E., Topeka.
Lindsey, Beatrice, Springhill.	Widner, Guy, Iola.
Lippe, Gertrude, Miltonvale.	Williams, John R., Wellsville.
McConnell, Mabel C., Cherryvale.	Wright, Chas., Moran.
Marquardt, A. E., Bison.	

IRREGULAR.

- | | |
|-------------------------------------|---------------------------------------|
| Atchison, J. Zoe,
Tola. | Kellogg, Mary Virginia,
Emporia. |
| Bowes, Ruth,
Topeka. | Norton, Zella,
Haviland. |
| Craig, Ailsa,
Osage City. | Nylander, Mary E.,
Kansas City. |
| Dickinsheets, Sarah,
Carbondale. | Olliver, Mrs. Doris B.,
Tola. |
| Eastin, Katie D.,
Emporia. | Pendergraft, L. A.,
Staffordville. |
| Elcock, Harriet,
Kingman. | Richardson, Erma,
Kuckley. |
| Haynes, Mabel,
Emporia. | Vaughn, Ella R.,
Wichita. |
| Haynes, Marguerite,
Emporia. | Wachter, Mary Katharine,
Emporia. |
| Kayser, Emma E.,
Bellevue, Neb. | Wayland, Julia,
Girard. |
| Kayser, Vera W.,
Bellevue, Neb. | Williams, Maude,
White City. |

UNCLASSIFIED.

- | | |
|---------------------------------------|--|
| Arheart, Delta,
Delphos. | Dunbar, Jas. M.,
Floral. |
| Baker, Ada,
Emporia. | Fairchild, Mary O.,
Earlton. |
| Barnes, Rebecca,
Wichita. | Fee, Mary,
Stafford. |
| Benefield, Bessie,
Kingman. | Flanagan, Nelle,
Beattie. |
| Blue, Mrs. Maude,
Canton. | Foster, Cornelius,
Kincaid. |
| Boone, Mary,
Topeka. | Gay, Katie,
Stafford. |
| Bowles, Luanna,
Galena. | Ginter, Morris H.,
Valley Falls. |
| Breneman, Howard,
Hoyt. | Graves, Sarah,
Oklahoma City, Okla. |
| Bromillette, Laura,
Jamestown. | Grundy, Ruth,
Wichita. |
| Brooks, Flora,
Emporia. | Hall, Minnie E.,
Almena. |
| Cadwell, Kitty J.,
Caney. | Harper, Mrs. Clara,
Emporia. |
| Carroll, Katherine,
Enterprise. | Hawkins, Nora B.,
Kingman. |
| Carter, Walter Allen,
Coffeyville. | Haynes, John William,
Emporia. |
| Clark, Amy Blanche,
Mankato. | Hesse, Vivienne,
Buffalo, Wyoming. |
| Craig, Grace,
Melvern. | Hicks, Mrs. Virginia,
Lakin. |
| Crane, Alma,
Wichita. | Holm, Olga,
Irving. |
| Culbertson, Alex. E.,
Emporia. | Howland, J. C.,
Independence. |
| Cunningham, Josephine,
Sedgwick. | Humbargar, Esther,
Salina. |
| Dickerson, Beulah,
Ness City. | Huxmann, Paul H.,
Pretty Prairie. |

UNCLASSIFIED—Continued.

- Iden, Lyndall Joye,
Gove.
- Joerling, Will,
Dodge City.
- Johnson, Anna,
Kansas City, Mo.
- Kittell, Eugene C.,
Stafford.
- Kalterman, Grace,
Welda.
- Konantz, Herbert H.,
Emporia.
- Kroh, Franklin O.,
Netawaka.
- Krouse, Ada May,
Omaha.
- Landes, Mrs. H. R.,
Dodge City.
- Leasure, Mary Muriel,
Solomon.
- Leonard, Amanda,
Kansas City, Mo.
- Lewis, Edwin A.,
Butternut, Michigan.
- Lewis, Mary H.,
- Lucas, Minnie,
Lawrence.
- McCall, Gretchen,
Lecompton.
- McCarty, Lewis N.,
Parker.
- McCulley, Florence,
Bauxite, Ark.
- McCullough, Maud,
Emporia.
- Mathewson, Nellie,
Great Bend.
- Maust, Bernard B.,
Nappance.
- Melton, Estella,
Fort Scott.
- Miller, Anna,
- Moore, Lillie M.,
Junction City.
- Mustoe, Fern,
Murdock.
- Myler, Beulah,
Wichita.
- Naanes, Mrs. Geo.,
Emporia.
- Naanes, Geo. W.,
Erie.
- Newbold, Mrs. Myrtle,
Edmond.
- Newby, Mrs. W. N.,
Plains.
- Nickens, Julia E.,
Muskogee, Okla.
- Olson, Freddie,
Assaria.
- Patten, Mary A.,
Hooser.
- Putman, Harriet,
Fremont, Neb.
- Price, Wallace,
Emporia.
- Randle, Joey,
Riley.
- Reed, Junie Etta,
Enterprise.
- Rees, Edward,
Emporia.
- Roberts, Mattie B.,
Liberal.
- Ruehlem, Forrest,
Burdett.
- Schmitt, Bertha M.,
Moundridge.
- Seavey, Edith Edna,
Herington.
- Seymour, Mrs. Kate B.,
Mound City.
- Shanteau, Ethel,
Stafford.
- Shearer, Iona,
Abilene.
- Showalter, Grace,
Baldwin.
- Sickler, Edna,
Emporia.
- Small, Maud,
Howard.
- Steward, Mrs. Ada,
Tulsa, Okla.
- Stewart, Camella,
Okmulgee, Okla.
- Stone, Clyde C.,
Emporia.
- Sutcliff, Robert M.,
Scottsville.
- Swaim, Ida,
Goodland.
- Tarman, Blanche,
Ness City.
- Templer, Chas. A.,
Howard.
- Tippens, Earl,
Emporia.
- Umbarger, Cora,
Newton.
- Vanduvall, Lettia,
Nicodemus.
- Walfer, Mrs. Carrie Roth,
Plymouth.
- Wells, Laura,
Fairview.
- Wescott, Clayton L.,
Emporia.
- Willett, Etta L.,
Iola.
- Woodford, Ruth,
Topeka.

TRAINING SCHOOL.

Agrelius, Claire, Emporia.	Buck, Eddie, Emporia.
Allen, Frances, Emporia.	Buck, Harold, Emporia.
Anderson, Beatrice, Emporia.	Buck, Melvin, Emporia.
Anderson, Carl, Emporia.	Buck, Victor, Emporia.
Anderson, Herbert, Emporia.	Buck, Walter, Emporia.
Andres, Fern, Emporia.	Bunks, Mamie, Emporia.
Andrews, Donald, Emporia.	Burnap, Harry, Emporia.
Armstrong, Evelyn, Emporia.	Burnap, Mary, Emporia.
Austin, Luther, Emporia.	Butcher, Thomas, Emporia.
Baily, Warren, Emporia.	Call, Merritte, Emporia.
Balmer, Marie, Emporia.	Cameron, Mary Elizabeth, Emporia.
Barrington, Lester, Emporia.	Carle, Cecil, Emporia.
Barrington, Warden, Emporia.	Carle, Clarence, Emporia.
Barrington, Willard, Emporia.	Carr, Clifford, Emporia.
Bell, Everett, Emporia.	Carter, Curtis, Emporia.
Benson, Nellie, Emporia.	Carter, Julia, Emporia.
Benson, Warren, Emporia.	Cartmel, Owen, Emporia.
Best, Glen, Emporia.	Cary, William, Emporia.
Best, Grace, Emporia.	Cheer, Bernice, Emporia.
Berthurum, William, Emporia.	Childers, Alice, Emporia.
Birckett, Mildred, Emporia.	Chitty, Thelma, Emporia.
Bishop, Verne, Emporia.	Chitty, Wm., Emporia.
Blankley, Esther, Emporia.	Christensen, Goldie, Emporia.
Brooks, Harry, Emporia.	Cleland, Dorothy, Emporia.
Brose, Amy, Emporia.	Clogsdon, Dorothy, Emporia.
Brown, Elmer, Emporia.	Cole, Ben, Emporia.
Brown, Harry, Emporia.	Cole, Fenton, Emporia.
Brunt, George, Emporia.	Coleman, Chas., Emporia.

TRAINING SCHOOL—*Continued.*

Cook, France, Emporia.	Giles, Margaret, Emporia.
Corbett, Winton, Emporia.	Gilman, Gorden, Emporia.
Cox, Ralph, Emporia.	Gilman, Warren, Emporia.
Craemer, John, Emporia.	Gilson, Marjorie, Emporia.
Culbertson, Eleanor, Emporia.	Gilson, Mirian, Emporia.
Cunningham, Thelma, Emporia.	Givinner, Juanita Emporia.
Davis, Charles, Emporia.	Givinner, Maud Emporia.
Davis, David, Emporia.	Gist, Una Maud Emporia.
Day, Charlotte, Emporia.	Goodwin, Grace, Emporia.
Day, Loyd, Emporia.	Grady, Robert, Emporia.
Deister, Dorothea, Emporia.	Graham, Frances Emporia.
Dimon, Vergil, Emporia.	Grant, John, Emporia.
Dumm, Joseph, Emporia.	Grant, Margaret, Emporia.
Dunn, Ted, Emporia.	Grant, Rosey, Emporia.
Dwelle, Harold, Emporia.	Grant, Sue, Emporia.
Dwelle, Margaret, Emporia.	Graves, Mavis, Emporia.
Edwards, Nora Elizabeth, Emporia.	Green, Jay, Emporia.
Ellis, Olive Irene, Emporia.	Green, Ray, Emporia.
Elmore, Wm., Emporia.	Greenlee, Frank, Emporia.
Fish, Leward, Emporia.	Greenlee, Merrett, Emporia.
Fitch, Kenneth, Emporia.	Greenlee, Merrill, Emporia.
Ford, Virginia, Emporia.	Groh, Harry, Emporia.
Fultz, Atley, Emporia.	Groh, John, Emporia.
Fultz, Lloyd, Emporia.	Gunn, Mary, Emporia.
Fultz, Iva, Emporia.	Gunzelman, Dewey, Emporia.
Fultz, Robert, Emporia.	Gur, Fred, Emporia.
Garrison, Wm., Emporia.	Hamer, Dorothy, Emporia.
George, Clarence, Emporia.	Hamer, Helen, Emporia.
Giersch, Robt., Emporia.	Harris, Loy, Emporia.
Giles, Lester, Emporia.	Harris, William, Emporia.
Giles, Marion, Emporia.	Hatcher, Catherine, Emporia.

TRAINING SCHOOL—*Continued*

Hatcher, Mary, Emporia.	Hutchins, Harold, Emporia.
Hatcher, Paul, Emporia.	Jensen, Marie, Emporia.
Haworth, Myrtle, Emporia.	Jillson, Walter, Emporia.
Haynes, William, Emporia.	Job, Ruth, Emporia.
Hellman, Edwin, Emporia.	Jolliff, Hamar, Emporia.
Hershner, Mary E., Emporia.	Jones, Cedrie, Emporia.
Hershner, Glen, Emporia.	Jones, Velma, Emporia.
Hill, Ruth, Emporia.	Jones, Vern, Emporia.
Hilton, Zelma, Emporia.	Juengling, Willie, Emporia.
Hinkle, Seth, Emporia.	Keinath, Frank, Emporia.
Hinshaw, Albert, Emporia.	Keinath, Mildred, Emporia.
Hinshaw, Frederick, Emporia.	Keller, Margaret, Emporia.
Hoatson, Vera, Emporia.	Kendig, Esther, Emporia.
Hoey, Elizabeth, Emporia.	Kendig, Harold, Emporia.
Hofer, Ruth, Emporia.	Kindsfather, Edith, Emporia.
Holland, Keene, Emporia.	Kirby, Arthur, Emporia.
Holland, Kelly, Emporia.	Kittell, Muriel, Emporia.
Hollar, Flora, Emporia.	Kittell, Noel, Emporia.
Holm, Ralph, Emporia.	Klinath, Frank, Emporia.
Hoover, Marion, Emporia.	Klinath, Gail, Emporia.
Hopkins, Albert, Emporia.	Lake, Margaret, Emporia.
Horton, Floyd, Emporia.	Lake, Robert, Emporia.
Horton, Roy, Emporia.	Lapham, Eleanor, Emporia.
Howe, Priscilla, Emporia.	Larkin, Kathlene, Emporia.
Hughes, Philip, Emporia.	Larkin, Ralph, Emporia.
Hume, Nerogene, Emporia.	Laurence, Pearl, Emporia.
Humphrey, Ida, Emporia.	Leatherberry, Margaret, Emporia.
Humphrey, Wm., Emporia.	Leatherberry, Roy, Emporia.
Hunter, Wm., Emporia.	Lewis, Elmer, Emporia.
Hutchings, Jack, Emporia.	Lewis, Ernest, Emporia.

TRAINING SCHOOL—*Continued.*

Long, John, Emporia.	Mayberry, Willard, Emporia.
Long, Scharlotte, Emporia.	Mitchell, Christine, Emporia.
Loveless, Bee, Emporia.	Mitchell, Mark, Emporia.
Loveless, James, Emporia.	Mitchell, Nina, Emporia.
Loveless, Tom, Emporia.	Moeller, Vera, Emporia.
Lytle, Homer, Emporia.	Mohler, Daniel L., jr., Emporia.
McCandless, Mary, Emporia.	Moore, Marie, Emporia.
McCandless, Rhea, Emporia.	Moore, Roberta, Emporia.
McCarter, Lela, Emporia.	Morgan, Evan, Emporia.
McCaw, Lorena, Emporia.	Morgan, Howard, Emporia.
McConnell, Harry, Emporia.	Morgan, Ruth, Emporia.
McCormick, Vivian, Emporia.	Morgan, Tracy, Emporia.
McCue, Frances, Emporia.	Morris, James, Emporia.
McCue, Lavere, Emporia.	Morton, Layton, Emporia.
McCullough, John, Emporia.	Neighbors, Beatty, Emporia.
McCullough, Margaret, Emporia.	Noggle, Raymond, Emporia.
McDowell, Wimary, Emporia.	Northcutt, Richard, Emporia.
McElfresh, Chas., Emporia.	Nutting, Helen, Emporia.
McElfresh, George, Emporia.	Nutting, Martha, Emporia.
McElfresh, John, Emporia.	O'Neil, Frances, Emporia.
McFarland, Grace, Emporia.	O'Neil, Kathlene, Emporia.
McKensey, Lila, Emporia.	Lawrence, Otto, Emporia.
Mark, Everett, Emporia.	Paden, Viola, Emporia.
Mark, Golda, Emporia.	Palmer, Jay, Emporia.
Martin, Harold, Emporia.	Parsons, Virginia, Emporia.
Martin, Zoah, Emporia.	Paxton, Robert, Emporia.
Marx, Fern, Emporia.	Paxton, Susanna, Emporia.
Marx, Gus, Emporia.	Peach, Eugene, Emporia.
Marx, Mildred, Emporia.	Peach, John, Emporia.
Marx, Wilma, Emporia.	Peak, Earl, Emporia.

TRAINING SCHOOL—*Continued.*

Pearson, Curtis, Emporia.	Rogland, Floyd, Emporia.
Pearson, Frank, Emporia.	Root, Marian, Emporia.
Pearson, Mary, Emporia.	Root, Millison, Emporia.
Perry, Harold, Emporia.	Roth, Clayton, Emporia.
Peters, Margaret, Emporia.	Samuel, Edna, Emporia.
Peterson, Adelle, Emporia.	Samuel, Owen, Emporia.
Pocock, Charles, Emporia.	Schaffner, Daniel, Emporia.
Pocock, Walter, Emporia.	Scott, Kenneth, Emporia.
Postma, Celestine, Emporia.	Shane, Elmer, Emporia.
Powell, Howard, Emporia.	Shaw, Violet, Emporia.
Prewitt, Raymond, Emporia.	Smeltzer, Wm., Emporia.
Price, Gerard, Emporia.	Smith, Edgar, Emporia.
Price, Loyd, Emporia.	Smith, Elsie, Emporia.
Ptacek, Lester, Emporia.	Smith, Howard, Emporia.
Reat, Dorothy, Emporia.	Smith, Paul, Emporia.
Reat, Harold, Emporia.	Smith, Spencer, Emporia.
Reber, Almela, Emporia.	Smucker, Lewis, Emporia.
Reeble, Keller, Emporia.	Smyth, Hazel, Glasco.
Reeble, Ruth, Emporia.	Snell, Polly, Emporia.
Rees, Genevieve, Emporia.	Sowerby, Bulah, Emporia.
Renny, Lester, Emporia.	Spencer, Robert, Emporia.
Richer, Claubel, Emporia.	Spielman, Glenn, Emporia.
Riddle, Caroline, Emporia.	Spielman, Maurine, Emporia.
Riddle, Humbert, Emporia.	Spittler, Kenneth, Emporia.
Ritchie, Evanella, Emporia.	Sprague, Elizabeth, Emporia.
Roberts, Harola, Emporia.	Stinson, June, Emporia.
Roberts, Oliver, Emporia.	Stoneham, Jack, Emporia.
Robinson, Oliver, Emporia.	Strawman, Marjorie, Emporia.
Rockhill, Orville, Emporia.	Strube, Agnes, Emporia.
Rogers, Edna, Emporia.	Strube, Eunice, Emporia.

TRAINING SCHOOL—*Continued.*

Strube, Mildred, Emporia.	Weeks, Mark, Dunlap.
Strube, Paul, Emporia.	Weesner, Dorothy, Emporia.
Thaw, Violet, Emporia.	West, Paul, Emporia.
Thomas, Earl, Emporia.	West, Thelma, Emporia.
Thompson, Buiell, Emporia.	Whipple, Howard, Emporia.
Thompson, Olive, Emporia.	White, Bill, Emporia.
Tidd, Athol, Emporia.	Whitely, Ernest, Emporia.
Tidd, George, Emporia.	Whitely, Otis, Emporia.
Tolman, Floyd, Emporia.	Widich, Ralph, Emporia.
Tolman, Margaret, Emporia.	Wilkes, Gladys, Emporia.
Tressler, Ruth, Emporia.	Wilks, Bessie, Emporia.
Triplett, Dorothy, Emporia.	Wilks, Ethel, Emporia.
Vancleave, Nora, Emporia.	Wilks, Gladys, Emporia.
Van Voris, Rena, Emporia.	Wilks, Lloyd, Emporia.
Vaughn, Ernest, Emporia.	Williams, DeWitt, Emporia.
Vermillion, Cecil, Emporia.	Williams, Eleanore, Emporia.
Walker, Martha, Emporia.	Williams, Lewis, Emporia.
Warren, Marshall, Emporia.	Winters, Helen, Emporia.
Warren, Robert, Emporia.	Wood, Frank, Emporia.
Watkins, Evangeline, Emporia.	Woodward, Byron, Emporia.
Watkins, Gwendolyn, Emporia.	Wright, Hiram, Emporia.
Watkins, John, Emporia.	Yuger, Lester, Emporia.
Webb, Birdie, Emporia.	

MUSIC.

- Agrelius, Claire,
Emporia.
- Agrelius, Kenneth,
Emporia.
- Allen, Laveta,
Fort Scott.
- Allen, Mary,
Cunningham.
- Allison, Effie,
Emporia.
- Armstrong, Evelyn,
Wathena.
- Arnel, Nora,
Fall River.
- Arnold, Iris,
Emporia.
- Arnold, M. E.,
Emporia.
- Atwood, Dorothy,
Emporia.
- Bailor, Geneva,
Ness City.
- Baltzer, Benjamin,
Hillsboro.
- Beecher, Mary,
Americus.
- Berner, Jonetta,
Wamego.
- Bettendorf, Clara L.,
Emporia.
- Bingham, Beatrice,
Wichita.
- Birckett, Mildred L.,
Emporia.
- Black, G. H.,
White Water.
- Blakely, Myrtle,
Emporia.
- Boddy, Mary,
Norton.
- Bonwell, Gladys,
Emporia.
- Bowen, Bertha,
Independence.
- Bowes, Ruth,
Topeka.
- Bradshaw, Agnes,
Altoona.
- Bradshaw, Edward,
Altoona.
- Bram, Bertha,
Emporia.
- Brandenburg, Georgia,
Bushong.
- Breneman, H. R.,
Emporia.
- Breese, Mrs. Sidney,
Cottonwood Falls.
- Brigham, Rosalie,
Council Grove.
- Brown, Bertha,
Emporia.
- Brown, Calvin,
Parkerville.
- Brown, Luvenia,
Topeka.
- Brown, Mable,
Reading.
- Bryant, Oreba,
Emporia.
- Bullen, Ben F.,
Salina.
- Bunge, Ruth M.,
Waverly.
- Burkholder, O. S.,
Coffeeville.
- Burnap, Harry,
Emporia.
- Burnap, Mary,
Emporia.
- Burney, Carrie,
Hutchinson.
- Burton, Mrs. J. S.,
Emporia.
- Campbell, Laurel,
Emporia.
- Carter, Zula,
Emporia.
- Chauncey, Marlin,
Douglass.
- Church, Sylvia,
Sabetha.
- Clark, Amy,
Mankato.
- Clark, Lois,
Sawyer.
- Clark, Perle,
La Feria, Tex.
- Clay, Aletha,
Oskaloosa.
- Cleavinger, Bettie,
Lowemont.
- Cochennet, Lavene,
Emporia.
- Cole, Mabel,
Emporia.
- Coleman, Cora,
Emporia.
- Coleman, Mattie,
Emporia.
- Conner, Fern,
Emporia.

MUSIC—Continued.

- Cook, Harriet B.,
 Emporia.
 Cooley, Hope,
 Emporia.
 Cornell, Ruth,
 Wakefield.
 Cowen, Izora,
 Emporia.
 Crandall, Doris,
 Barnes.
 Cross, Clarence,
 Emporia.
 Cullison, Lenore,
 Howard.
 Curry, Mable,
 Strawn.
 Cutting, Berenice,
 Rose Hill.
 Czapanskiy, Lucy O.,
 Aurora.
 Davis, Mrs. H. Dale,
 Emporia.
 Davis, Olive,
 La Cygne.
 Davis, Stella,
 Lakin.
 Denison, Ethlyn,
 Colby.
 Dickerson, Beulah,
 Ness City.
 Dickinson, Edith,
 Emporia.
 Diggs, Eva,
 Emporia.
 Dodge, Ada,
 Manhattan.
 Dodrill, Mrs. Zella B.,
 Stockton.
 Dodson, Elsié,
 Caney.
 Doty, Katherine,
 Emporia.
 Doverspike, Mary,
 Alta Vista.
 Duncan, Alice,
 Emporia.
 Dunn, Ella,
 St. John.
 Dwelle, Alice,
 Cedar Point.
 Dyer, Mildred,
 Admire.
 Edwards, Mildred,
 Emporia.
 Edwards, Phil,
 Emporia.
 Ealy, Marguerite,
 Emporia.
 Ecord, Olive,
 Garnett.
 Ecord, Pearl,
 Garnett.
 Edwards, Anna E.,
 Emporia.
 Elliott, Jean,
 Emporia.
 Elliott, Mayme,
 Emporia.
 Elvin, Cora,
 Emporia.
 Engle, Lowell,
 Emporia.
 Epperson, Carrie,
 Scott City.
 Erwin, Carrie,
 Belle Plaine.
 Erwin, Delia,
 Belle Plaine.
 Faidley, Jennie,
 Broughton.
 Fairchild, Mary O.,
 Earlton.
 Fesler, Pauline,
 Chanute.
 Fetrow, Ruth,
 Attica.
 Fickel, Walter E.,
 Agenda.
 Fife, Elizabeth,
 Arkansas City.
 Firth, Harry,
 Emporia.
 Freeman, Julia,
 Simpson.
 French, Lea,
 Ponca City, Okla.
 Friend, Frances L.,
 Emporia.
 Fritz, Ethel,
 Circleville.
 Fuller, Katherine,
 Emporia.
 Gafford, E. Anna,
 Emporia.
 Gardner, Lillian,
 Emporia.
 Garrison, B. E.,
 Emporia.
 Garrison, William,
 Emporia.
 Gathers, Lena,
 Emporia.
 Gepharte, Elden,
 Yates Center.
 Giles, Chas. H.,
 Cherryvale.
 Glover, Myrtle,
 Caldwell.
 Good, Fern,
 Cimarron.

MUSIC—*Continued.*

- | | |
|--|---------------------------------------|
| Gower, Frances,
Russell. | Hesse, Vivienne,
Buffalo, Wyo. |
| Grant, Elsie,
Emporia. | Hill, Duryee,
Emporia. |
| Grant, Ethel,
Emporia. | Hill, Ruth O.,
Emporia. |
| Grant, Gladys,
Emporia. | Hines, Arthur,
Emporia. |
| Graves, Sarah,
Oklahoma City, Okla. | Hinman, Lucy,
Lafontaine. |
| Gray, Marguerite,
Atchison. | Hoatson, Hilda,
Emporia. |
| Griggs, Hester,
Olivet. | Hoel, J. D.,
Cottonwood Falls. |
| Grimes, Mrs. B. R.,
Emporia. | Holderman, Loraine,
Long Island. |
| Grove, Mabel,
Emporia. | Honn, Blanche,
Uniontown. |
| Gufler, Dorthea,
Emporia. | Horner, Helen,
Cambridge. |
| Guffler, Wilhelmina,
Emporia. | House, Hazel,
Blue Rapids. |
| Guthrie, Martha,
Neola. | Howard, Mary,
Emporia. |
| Hall, Oscar W.,
Kensington. | Howell, Edith,
Emporia. |
| Ham, Arthur,
Wilsey. | Hudson, Ethel,
Emporia. |
| Hamer, Dorothy,
Emporia. | Huffman, Leslie,
Finney. |
| Hargiss, Kate M.,
Emporia. | Huggins, Mary,
Emporia. |
| Harris, Anna,
Murdock. | Humfeld, Daisy B.,
Clay Center. |
| Harris, Estelle,
Geuda Springs. | Hume, Mrs. B. A.,
Emporia. |
| Harris, Lucile,
Emporia. | Humphrey, Lucile,
Emporia. |
| Hart, Pattie,
Grenola. | Hurley, Genevieve,
Emporia. |
| Harvey, Iva,
Strawn. | Jacobs, Edna,
Emporia. |
| Haswell, Mary E.,
Garfield. | Jaquith, Mark,
Emporia. |
| Hatcher, Mary,
Emporia. | Jefferson, Katherine,
Kansas City. |
| Hawley, Glendyn,
Hutchinson. | Jeremy, Ruth,
Emporia. |
| Haynes, Marguerite B.,
Emporia. | Johnson, Anna,
Kansas City. |
| Haywood, Elizabeth,
Emporia. | Johnson, Betty,
Assaria. |
| Heidemann, Ethel,
Emporia. | Johnson, Florence,
Russell. |
| Hemenway, Ruth,
Emporia. | Johnson, Mary,
Dwight. |
| Henkle, Lydal,
Emporia. | Jones, Elizabeth,
Emporia. |
| Henthorn, Rose E.,
Burden. | Jones, Esther,
Emporia. |

MUSIC—*Continued.*

- Josserand, Guy,
 Pierceville.
 Jotter, Elisa,
 Republic.
 Kanaga, Ethel,
 Ness City.
 Keenan, Marie,
 Herington.
 Kelley, Marjorie,
 Emporia.
 Kirkendall, Hallie,
 Emporia.
 Kittel, Willetta,
 Emporia.
 Klein, David,
 Lucas.
 Kolterman, Grace,
 Welda.
 Koontz, Lois,
 Emporia.
 Lakin, Albert,
 Emporia.
 Lamb, Leola,
 Dunlap.
 Langford, Nellie,
 Heizer.
 Lappin, Beatrice,
 Logan.
 Larson, Eric,
 Scandia.
 Lawrence, Rose,
 Howard.
 Lee, Edna,
 Emporia.
 Lehmann, E. S.,
 Emporia.
 Lempeneau, Clara,
 Westmoreland.
 Lewis, Mary,
 Emporia.
 Linscheid, Emily,
 Abbyville.
 Little, Glenn,
 Emporia.
 Little, Lottie,
 Emporia.
 Lock, Fay,
 Emporia.
 Lockhart, Myrtle,
 Humboldt.
 Lohmuller, Frances,
 Centralia.
 Lott, Nell,
 Wellsville.
 Lowther, Kathleen,
 Emporia.
 Lucas, Minnie M.,
 Lawrence.
 Lyon, Madonna,
 Lincoln.
 McCandless, Mary E.,
 Emporia.
 McCandless, Rhea,
 Emporia.
 McCarroll, Anna,
 Emporia.
 McCaw, Mrs. G. W.,
 Emporia.
 McLean, Opal,
 Jewell City.
 McConnell, Harriet,
 Emporia.
 McCracken, Anna,
 Rose Hill.
 McCullough, Roscoe,
 Emporia.
 McCune, Althea,
 Emporia.
 McLeland, Ethel,
 Chanute.
 McQuillen, Sophia,
 Clifton.
 Madden, Ella,
 Emporia.
 Mahuron, N. B.,
 Burlington.
 Mahuron, Mrs. N. B.,
 Burlington.
 Manahan, Ethel,
 Wellington.
 Manthy, Katherine,
 Emporia.
 Mares, Cecil,
 Emporia.
 Marsh, Launa V.,
 Emporia.
 Maule, Blanche,
 Kansas City.
 Maxwell, Helen,
 Emporia.
 Mayes, Louie M.,
 Emporia.
 Mayberry, Mignon,
 Emporia.
 Mays, Blanche,
 Emporia.
 Mays, Esther,
 Emporia.
 Messick, Jessie Lee,
 Hill City.
 Mihoover, Etta,
 Emporia.
 Miller, Fred,
 Herington.
 Miller, Hortense,
 Emporia.
 Monroe, Lena,
 Emporia.
 Monroe, W. S.,
 Emporia.

MUSIC—Continued.

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|----------------------------------|---|
| Moore, Maril,
Emporia. | Patterson, Wayne,
Emporia. |
| Moore, Ruby,
Newton. | Patty, Mary,
Emporia. |
| Morrow, Veneta,
Spearville. | Peck, Gertrude,
Sheldon, Mo. |
| Morse, Flora,
Emporia. | Pergrem, Anna,
Belle Plaine. |
| Motes, Nora,
Scottsville. | Peters, Helen,
Emporia. |
| Mullarky, Ethel,
Glasco. | Petermeyer, Viola,
Broughton. |
| Munsell, Irene,
Russell. | Pixley, Nora E.,
Wamego. |
| Murdock, Ora,
Ness City. | Porter, Mary E.,
New Philadelphia, Ohio. |
| Murphy, Marion,
Emporia. | Prater, Vera,
Emporia. |
| Myler, Beulah,
Wichita. | Pyle, Fern,
Emporia. |
| Nanninga, Elizabeth,
Emporia. | Quisenberry, Ora,
Emporia. |
| Nash, Ermyl,
Long Island. | Ray, Zella,
Atlanta. |
| Neill, Catherin J.,
Emporia. | Ramseyer, Margaret,
Emporia. |
| Newbold, Mrs. Myrtle,
Edmond. | Raymond, Lois,
Long Island. |
| Newbrey, Lillie,
Emporia. | Rea, Laura R.,
Miltonvale. |
| Ninchelser, Nell,
Oskaloosa. | Reardon, Elizabeth,
Tonganoxie. |
| Norman, Bessie,
Emporia. | Record, Grace,
Chanute. |
| Norton, Zella,
Haviland. | Reed, Dessa,
Emporia. |
| Nothdorf, Lena,
Oskaloosa. | Reed, Dorthy,
Emporia. |
| Olson, Gerda,
Wichita. | Reeves, Constance,
Emporia. |
| Orr, Geneva,
Reading. | Reynolds, Sadie,
Scranton. |
| Osborne, Alice,
Burton. | Rich, Birdie,
Emporia. |
| O'Toole, Mrs. H. M.,
Emporia. | Richards, Ena,
Emporia. |
| Ott, Russell,
Emporia. | Richards, Florine,
Emporia. |
| Page, Virginia,
Hamilton. | Richardson, Erma,
Kackley. |
| Paine, Lita,
Admire. | Richardson, Mabel,
Lawrence. |
| Parks, Grace,
Topeka. | Ridenour, Linna,
Emporia. |
| Parrington, Louise,
Emporia. | Riegel, Geralda, |
| Patten, Mary A.,
Hooser. | Rishel, Rilla Beth,
Emporia. |
| Patterson, C. J.,
Emporia. | Ritchie, Morris,
Emporia. |

MUSIC—Continued.

- Roberts, Mattie,
 Liberal.
 Robertson, Ada,
 Caldwell.
 Robison, Rose,
 Carbondale.
 Rogers, Alice,
 Emporia.
 Ross, Florence,
 Uneda.
 Ruff, Abbie,
 Emporia.
 Rufi, John,
 Urbana.
 St. John, Mabel,
 Homewood.
 Saueressig, Ivy,
 Emporia.
 Savage, Maude,
 Durham.
 Schlegel, Julia,
 Fort Scott.
 Scarbrough, Ruth,
 Bucklin.
 Scyphers, Martha,
 Grenola.
 Scott, Parthena,
 Emporia.
 Seevers, Sarah,
 St. John.
 Seymour, Kathleen,
 Mound City.
 Shanteau, Ethel,
 Stafford.
 Sheets, Lida,
 Solomon.
 Shipherd, Matie,
 Emporia.
 Smith, Edna,
 Emporia.
 Smith, Hart,
 Atlanta.
 Smith, Mabel,
 Emporia.
 Smith, Mary,
 Emporia.
 Smith, Vera B.,
 Salina.
 Smith, Viola,
 Nekoma.
 Soden, Margaret,
 Emporia.
 Spear, Sarah,
 Alma.
 Speer, Vering,
 Emporia.
 Spencer, Ambrose,
 Emporia.
 Sponenbarger, Juanita,
 Emporia.
 Stahl, Mrs. Laura H.,
 Emporia.
 Stanford, Nell,
 Emporia.
 Stanley, Vivian,
 Emporia.
 Stannard, May,
 Emporia.
 States, Kate,
 Emporia.
 Stein, Arthur,
 Chapman.
 Stenger, Barbara,
 Wayne.
 Stites, Lee,
 Mound City.
 Strickler, E. L.,
 Emporia.
 Stittsworth, La Verne,
 Milford.
 Stolfus, Viola,
 Emporia.
 Stone, Irene,
 Marysville.
 Tarman, Blanche,
 Ness City.
 Taylor, Jane,
 Emporia.
 Taylor, Roy,
 Bucklin.
 Tennyson, Isla,
 Muskogee, Okla.
 Thomas, Elizabeth,
 Emporia.
 Thomas, W. H.,
 Emporia.
 Thompson, Josie E.,
 Wathena.
 Thudium, Loretto,
 Emporia.
 Todd, Bessie,
 Emporia.
 Treadway, Florence,
 Emporia.
 Triplett, Roger,
 Emporia.
 Troutman, Marie,
 Comiskey.
 Troll, Anna,
 Emporia.
 Trull, Mary,
 Garden City.
 Tucker, Eulalia,
 Emporia.
 Tuhey, Dorothy,
 Emporia.
 Turner, Ava,
 Chanute.
 Turner, Eva,
 Chanute.

MUSIC—Continued.

Vaughn, Beulah, Emporia.	Welch, Kenneth, Emporia.
Vermillion, Vera, Emporia.	Welch, Marion, Emporia.
Wagler, Mattie, Bucklin.	Whaley, Eugenia, Clarksville.
Walker, Hazel, Emporia.	Whitby, Irene, Emporia.
Wallace, J. W., Waverly.	White, Alma, Havensville.
Wallace, Rose, Brookville.	Williams, Mary R., Emporia.
Ward, Cora, Emporia.	Williams, Maude, White City.
Ward, Edna, Perry.	Wilson, Rena, Guthrie, Okla.
Warner, Ida Mac., Emporia.	Wise, Caroline, Emporia.
Warren, Imogene, Emporia.	Wuester Vera, Beattie.
Warren, Marshall, Emporia.	Wynett, Ida, Harper.
Warren, Mary Emily, Emporia.	Yelton, Anna, Harper.
Warren, Selleck, Emporia.	Young, Eva, Emporia.
Watkins, Evangeline, Emporia.	Young, Russell, Jamestown.
Watkins, Gwendolyn, Emporia.	Zavadsky, E. E., Cuba.
Watkins, Tom, Emporia.	

STATE-WIDE INSTITUTE.

- Adams, Sophie L.,
Hutchinson.
- Allen, Monica,
Hutchinson.
- Anderson, Olive,
Salina.
- Asher, Elsie,
Fort Scott.
- Axton, C. A.,
Florence.
- Baker, Julia M.,
Cherryvale.
- Barber, Anna,
Emporia.
- Barber, Zay,
Fallon.
- Barnett, M. T.,
Oberlin.
- Barr, Maude,
Emporia.
- Barthel, Ursula,
Emporia.
- Baugh, Clarence M.,
Emporia.
- Berkey, Mildred,
Blackwell, Okla.
- Breese, Carrie,
Cottonwood Falls.
- Breiner, Lucile,
Olathe.
- Briggs, Esther,
Sedan.
- Brown, Mrs. Allen,
Emporia.
- Brown, C. C.,
Iola.
- Brumbaugh, Verna,
Madison.
- Buser, Myrtle,
Hutchinson.
- Cadle, Grace,
Sedgwick.
- Cadle, Lula,
Sedgwick.
- Caldwell, Merle,
Moran.
- Callaway, A. B.,
Peck.
- Cartmel, Nettie B.,
Emporia.
- Cheney, Mattie,
Great Bend.
- Childears, A. B.,
Colony.
- Clark, Jessie M.,
Newton.
- Coleman, Mary,
Emporia.
- Cook, Harriet B.,
Emporia.
- Cox, Mrs. Clara,
Hutchinson.
- Crihfield, T. P.,
Ashland.
- Culver, Olive,
Yates Center.
- Cunningham, Alice,
Newton.
- Curtiss, Cline,
Beeler.
- Dallas, Stella,
Topeka.
- Davis, Mrs. Ethel,
Council Grove.
- Davis, Florence N.,
Clearwater.
- Davis, Lucretia,
Plevna.
- DeLay, Flora A.,
Emporia.
- Diana, Mr.,
Olathe.
- Dice, S. D.,
Olathe.
- Dice, Mrs. S. D.,
Olathe.
- Dye, Glen,
Excelsior Springs, Mo.
- Earle, Mabel F.,
Moline.
- Edgerton, T. A.,
Lyons.
- Elder, Clara D.,
Ottawa.
- Elliott, Virginia,
Kansas City.
- Ellis, Nellie,
Topeka.
- Erikson, Etna H.,
Junction City.
- Evans, Amanda,
Colorado Springs, Colo.
- Fallis, Erma,
Dighton.
- Fawcett, Hazel,
Emporia.
- Felker, Florence,
Hoyt.

STATE-WIDE INSTITUTE—*Continued.*

- | | |
|---------------------------------------|-------------------------------------|
| Franzen, J. H.,
Moundridge. | Jones, Dora E.,
Emporia. |
| Fulton, E. L.,
Harper. | Jones, Jason W.,
Emporia. |
| Gardner, Anna,
Osawatomie. | Jones, Lucy,
Tonganoxie. |
| Gowans, J. W.,
Winfield. | Jones, Nellie,
Emporia. |
| Greenwalt, Mary,
Princeton. | Kieler, Annah M.,
Peabody. |
| Gross, Ethyl D.,
Topeka. | King, W. T.,
Moline. |
| Halbe, Blanche,
Dorrance. | Kirkpatrick, Laura,
Ogden, Utah. |
| Harris, Eleanora,
Hutchinson. | Kresby, Hattie,
Minneapolis. |
| Harris, Ethel,
Emporia. | Lichlyter, F. E.,
Douglass. |
| Harris, Madge E.,
Council Grove. | Lindly, Flossie,
Winfield. |
| Harvey, Cora E.,
Goddard. | Loftiss, Minnie L.,
White City. |
| Harper, M. H.,
Emporia. | Loveless, Opal,
Emporia. |
| Hays, Mabel,
Ottawa. | McAuliffe, Nellie,
Newton. |
| Heagy, Edna,
Peabody. | McCarthy, Esther,
Vermilion. |
| Hemenway, Addie,
Emporia. | Major, D. W.,
Medicine Lodge. |
| Herbert, Mary,
Americus. | Martin, B. F.,
Newton. |
| Hesse, Clara M.,
St. Marys. | Martin, Minnie,
Kansas City. |
| Heusner, W. S.,
Junction City. | Maust, B. B.,
Nappanee, Ind. |
| Hicks, Mr.,
Lyons. | Maxfield, Martha,
Syracuse. |
| Highleyman, Gertrude,
Kansas City. | Metzler, L. F.,
Spearville. |
| Hill, C. W.,
Formoso. | Meyer, Fred. W.,
Hanover. |
| Hoch, J. F.,
Nickerson. | Miles, Bertha,
Emporia. |
| Holroyd, Flora E.,
Sedan. | Miller, F. L.,
Herington. |
| Hood, Marie,
Tescott. | Miller, Flossie,
Tescott. |
| Horne, Serena,
Williamsburg. | Miller, Nora E.,
Hazelton. |
| Howard, Nora M.,
Emporia. | Mitchell, S. Eva,
Winchester. |
| Howell, Richar V.,
Emporia. | Morgan, Lois,
Walnut. |
| Hunter, J. T.,
Kincaid. | Morris, Julia,
Emporia. |
| Johnon, Augusta,
Kansas City. | Morrison, Frances,
Coffeyville. |
| Jones, Catherine P.,
Emporia. | Morrissey, Mae,
Frankfort. |

STATE-WIDE INSTITUTE—*Continued.*

- Morse, Caroline,
 Emporia.
 Mulvaney, Hettie,
 Erie.
 Nan, Rev. Carl W.,
 Emporia.
 Noce, Geo. L.,
 Lost Springs.
 Nothdorf, Lena,
 Oskaloosa.
 Nystrom, Ellen,
 Wellington.
 Officer, Leona,
 Emporia.
 Officer, Ruth M.,
 Emporia.
 Orsbourn, Ethel,
 Emporia.
 Paidrick, Mrs. L. H.,
 Wichita.
 Perkins, Caddie,
 Newton.
 Perkins, Josie,
 Newton.
 Praeger, Agnes,
 Cliffin.
 Quinn, Josephine,
 Elwood.
 Rea, Rachel M.,
 Hutchinson.
 Reiber, Willow B.,
 Emporia.
 Rennolds, C. E.,
 Lane.
 Riggs, Frances A.,
 Neosho.
 Robbins, Bertha,
 Blackwell, Okla.
 Robbins, Gladys,
 Blackwell, Okla.
 Roberts, J. W.,
 Sedan.
 Roundtree, Clara B.,
 Topeka.
 Rowe, Ida E.,
 Emporia.
 Ruth, Agnes,
 Horton.
 Swain, Pearl,
 Derby.
 Schwarz, Maury,
 Lebanon.
 Senter, A. F.,
 Great Bend.
 Shideler, H. W.,
 Girard.
 Shupe, Eldon,
 Lost Springs.
 Smith, J. W.,
 Sabetha.
 Smolt, Mrs. A. E.,
 Newton.
 Spring, Gladys,
 Bern.
 Stanley, Jennie,
 Emporia.
 Stark, W. O.,
 Elk City.
 Stenger, Cassie B.,
 Council Grove.
 Stewart, Frances J.,
 Hutchinson.
 Stine, Mary Fiske,
 Ottawa.
 Stone, Walter F.,
 Douglass.
 Strawman, Ethel A.,
 Emporia.
 Sutcliff, H. O.,
 Wheaton.
 Swan, Mary C.,
 Emporia.
 Swenson, Ellen,
 Broughton.
 Taylor, D. E.,
 St. Joseph.
 Thomson, Birdena,
 Emporia.
 Throckmorton, Alice,
 Burlington.
 Van Fleet, H. H.,
 Aspen, Colo.
 Varney, Katherine E.,
 Emporia.
 Veatch, Nathan T.,
 Atchison.
 Vermillion, Lillian E.,
 Emporia.
 Weber, Hildegard,
 Horton.
 Webster, Mrs. Lillian,
 Troy.
 Wedell, Emilie,
 Emporia.
 Wedell, Hugo,
 Emporia.
 White, Clara M.,
 Kansas City.
 Wilcoxson, Myrtle,
 Emporia.
 Wilson, Avis,
 Hartford.
 Wing, Geneva,
 Newton.
 Weeds, Hattie E.,
 Garnett.
 Woolheater, Beatrice,
 Newton.
 Wright, Lulu,
 Newton.

SUMMARY OF ATTENDANCE.

COLLEGE.			
Graduates	18	Freshmen	274
Seniors	77	Correspondence	73
Juniors	150	Irregular	20
Sophomores	431	Unclassified	100
Freshmen	753	Training school	243
		Music	386
SECONDARY SCHOOL.		Total	3,212
Seniors	180	Repetitions (largely in music)	404
Juniors	190		
Sophomores	217	Grand total	2,808

KANSAS COUNTIES REPRESENTED.

The following-named counties—100 in all—were represented during the past year. As younger children make up the classes in the primary, intermediate and grammar grades of the Training School, the pupils listed there are largely from Emporia or from the immediate vicinity. Many pupils who are enrolled as from Emporia belong to families residing here temporarily for the purpose of educating their children.

Allen	35	Greeley	1	Osborne	10
Anderson	24	Greenwood	34	Ottawa	14
Atchison	8	Hamilton	7	Pawnee	11
Barber	14	Harper	14	Phillips	7
Barton	9	Harvey	23	Pottawatomie	14
Bourbon	31	Haskell	5	Pratt	7
Brown	18	Hodgeman	3	Rawlins	3
Butler	29	Jackson	27	Reno	29
Chase	21	Jefferson	20	Republic	25
Chautauqua	11	Jewell	13	Rice	11
Cherokee	3	Johnson	10	Riley	11
Cheyenne	1	Kearny	6	Rooks	8
Clark	9	Kingman	30	Rush	5
Clay	18	Kiowa	5	Russell	13
Cloud	21	Labette	9	Saline	25
Coffey	40	Lane	8	Scott	4
Comanche	4	Leavenworth	18	Sedgwick	38
Cowley	26	Lincoln	5	Seward	7
Crawford	21	Linn	37	Shawnee	43
Decatur	5	Logan	3	Sherman	3
Dickinson	35	Lyon	1,053	Sheridan	5
Doniphan	12	McPherson	19	Smith	8
Douglas	26	Marion	49	Stafford	25
Edwards	6	Marshall	34	Stanton	1
Elk	41	Meade	5	Sumner	41
Ellis	1	Miami	19	Thomas	5
Ellsworth	5	Mitchell	12	Wabaunsee	18
Finney	9	Montgomery	36	Washington	25
Ford	30	Morris	35	Wichita	2
Franklin	27	Nemaha	21	Wilson	36
Geary	9	Ness	23	Woodson	17
Gove	2	Neosho	41	Wyandotte	17
Graham	6	Norton	13		
Grant	8	Osage	45	Total	2,744
Gray	9				

From Outside of Kansas.

Arkansas	4	Michigan	2	Texas	3
Idaho	1	Missouri	7	Wyoming	1
Illinois	1	Nebraska	5		
Indiana	1	New Mexico	2	Total	64
Iowa	2	Oklahoma	33	Grand Total	2,808
Japan	2				

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KANSAS
STATE NORMAL SCHOOL
EMPORIA

General Catalogue, 1914-1915
with
Announcements for 1915-1916

KANSAS STATE PRINTING OFFICE.

W. C. AUSTIN, State Printer.

TOPEKA, May, 1915

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Board of Educational Administration.

ED. T. HACKNEY, President..... *Wellington.*
E. W. HOCH..... *Marion.*
MRS. CORA G. LEWIS..... *Kinsley.*
D. M. BOWEN, Secretary.....

CALENDAR FOR 1915.

JANUARY.	APRIL.	JULY.	OCTOBER.
S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30..	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
FEBRUARY.	MAY.	AUGUST.	NOVEMBER.
S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S .. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
MARCH.	JUNE.	SEPTEMBER.	DECEMBER.
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CALENDAR FOR 1916.

JANUARY.	APRIL.	JULY.	OCTOBER.
S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
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S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S ... 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
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School Calendar, 1915-'16.

1915.

May 28-29, Friday-Saturday—Registration of Students for Summer Term.
June 3, Thursday—Opening of Summer Term.
June 18-19, Friday-Saturday—County Teachers' Examination.
July 2-3, Friday-Saturday—County Teachers' Examination.
July 30, Friday—Close of Summer Term.
July 30-31, Friday-Saturday—County Teachers' Examination.
September 10-11, Friday-Saturday—Registration of Students for the First (September-January) Semester.
September 14, Tuesday—Opening of First (September-January) Semester.
October 29-30, Friday-Saturday—County Teachers' Examination.
November 25-26, Thursday-Friday—Thanksgiving Vacation.
December 23, Thursday, 6 p. m.—Close of School for the Christmas Vacation.

1916.

January 3, Monday, 8 a. m.—Opening of School after Christmas Vacation.
January 28, Friday—Close of First (September-January) Semester.
January 28-29, Friday-Saturday—Registration of Students for the Second (January-June) Semester.
January 31, Monday—Opening of Second (January-June) Semester.
January 28-29, Friday-Saturday—County Teachers' Examination.
February 15—Founders' Day.
March 10, Friday, 8 p. m.—Latin Play.
March 24, Friday, 8 p. m.—Normal Training High-school Play.
March 27, Monday—Opening of the Spring Term and April-August Semester.
April 15, Saturday, 8 p. m.—German Play.
May 26-27, Friday-Saturday—Registration of Students for the Summer Term.
May 27, Saturday, 8 p. m.—Commencement Exercises of the Normal Training High School.
May 28, Sunday, 11 a. m.—Baccalaureate Service.
May 29, Monday, 8 p. m.—Commencement Play.
May 30, Tuesday, Alumni Day, 3:00 p. m.—Alumni Business Meeting.
4:00 p. m.—Alumni Reception.
8:30 p. m.—Graduation Concert, Department of Music.
May 31, Wednesday, 9:30 a. m.—Commencement Exercises.
12:00 m.—Alumni Dinner.
June 1, Thursday—Opening of Summer Term.

Officers of Instruction and Administration.

Officers of Instruction.

THOMAS WALTER BUTCHER, *President*. A. B., University of Kansas; A. M., Harvard University; graduate study, University of Berlin.

LOUISE M. ALDER, *Professor of Kindergarten Education*. A. B., University of Kansas; A. M., Columbia University; Chicago Kindergarten College; graduate study, Teachers' College.

JANE K. ATWOOD,¹ *Acting Head, Department of Geography*. Ed. B., University of Chicago.

EDWIN R. BARRETT, *Professor of English*. A. B., Park College; A. M., University of Kansas; graduate study, University of Chicago.

FRANK A. BEACH, *Director of Department of Music and Professor of Public School Music*. B. L., University of Michigan; Syracuse University School of Music; Julianna School of Opera, Paris; graduate study, Boston University.

HERBERT HILL BRAUCHER, *Professor of Manual Training*. B. S., University of Illinois, Stout Institute.

GERTRUDE BUCK, *Professor of Library Science*. B. L. S., Wisconsin State Normal School, Platteville, Wisconsin; graduate study, University of Wisconsin; Illinois State Library School.

WILLIS H. CAROTHERS, *Professor of Secondary Education and Principal Normal Training High School*. A. B., University of Kansas; graduate study, University of Chicago.

GEORGE R. CRISPIN,² *Acting Director, Physical Training for Men*. International Y. M. C. A. Training School; Harvard School of Physical Education.

HORACE M. CULTER, *Professor of Rural School Administration*. A. B., Kansas State Normal School.

LILLIAN M. DUDLEY, *Professor of Modern Languages*. Kansas State Normal School; University of Kansas; University of Berlin.

EXPLANATION OF REFERENCE MARKS.

- | | |
|-------------------------------------|--------------------------------------|
| 1. Absent on leave, first semester. | 6. Resigned January, 1915. |
| 2. Resigned August, 1914. | 7. Second semester. |
| 3. Deceased. | 8. Resigned July, 1914. |
| 4. Assistant, second semester. | 9. Absent on leave, second semester. |
| 5. Summer school, 1914. | 10. Absent on leave, 1914-'15. |

- JAMES CLARENCE DE VOSS, *Associate Professor of Psychology and Philosophy*. A. B., A. M., University of Colorado.
- GEORGE W. ELLIS, *Associate Professor of Mathematics*. A. B. and A. M., Hamilton College; graduate study, University of Chicago.
- FRANKLIN L. GILSON, *Professor of Public Speaking and Expression*. Ph. B., Upper Iowa University; Cumnock School of Oratory; University of Chicago; Curry School of Expression.
- EMMA L. GRIDLEY, *Professor of Drawing*. A. B., Kansas State Normal School; Massachusetts Normal Art School; University of Chicago; Dow's Summer Art School.
- ACHSAH MAY HARRIS, *Professor of Primary Education*. A. B., Kansas State Normal School; graduate study, University of Michigan; University of Chicago; Chicago School of Music; Columbia University.
- W. L. HOLTZ, *Professor of Latin*. A. B., Baker University; graduate study, Drake University; Colorado College; University of Chicago.
- BLANCHE INGERSOLL, *Acting Head of Department of Home Economics*. B. S., Kansas State Agricultural College; Lewis Institute, Chicago.
- FREDERICK JAMES KELLY, *Director of the Training School*. A. B., University of Nebraska; Ph. D., Columbia University.
- WILLIS H. KERR, *Professor of Library Science*. A. B., Bellevue College, Nebraska; A. M., Columbia University; graduate study, University of Edinburgh.
- THEODORE LINDQUIST, *Professor of Mathematics*. A. B., Lombard College; M. S., Northwestern University; Ph. D., University of Chicago.
- EVA McNALLY,³ *Acting Head of Department of English*. Trueblood's School of Oratory; B. L., Lincoln University; Ph. B., University of Chicago; M. L., University of Wisconsin; Ph. D., University of Kansas City; graduate study, University of Colorado; University of Chicago.
- JAMES W. MAYBERRY, *Professor of Chemistry*. A. B., University of Kansas; A. M., University of Kansas.
- WALTER S. MONROE, *Professor of School Administration*. A. B., B. S., A. M., University of Missouri; Ph. D., University of Chicago.
- L. A. PARKE, *Professor of Commerce*. LL. B., University of Kansas.
- CHARLES R. PHIPPS, *Professor of Agriculture*. B. S., University of Illinois.
- MABEL L. SMITH, *Director of Physical Training for Women*. Sargent Normal School of Physical Education; University of Colorado; Gilbert School of Dancing; Chalif Normal School of Dancing; Chicago Normal School of Dancing.

WALTER R. SMITH, *Professor of Sociology and Economics*. Ph. B., Missouri Valley College; Ph. M., Ph. D., University of Chicago; Harvard University; Columbia University.

GEORGE W. TIDD, *Professor of Physics*. B. S., Valparaiso University; M. S., Iowa State University.

NORMAN TRIPLETT, *Professor of Psychology and Philosophy*. A. B., Illinois College; A. M., Indiana University; Ph. D., Clark University.

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FRANK W. WHITE, *Professor of Physiology and Hygiene*. M. D., Tufts College Medical School, Boston; Harvard University School of Physical Education.

MARY ALICE WHITNEY, *Professor of American History and Government*. A. B., University of Michigan; A. M., Columbia University; graduate study, University of Chicago; Teachers' College.

PELAGIUS WILLIAMS, *Professor of European History*. A. B., College of Emporia; A. M., University of Chicago; graduate study, Columbia University.

LYMAN C. WOOSTER, *Professor of Zoölogy and Geology*. Ph. D., Milton College; graduate study, Yale University; University of Chicago; University of Wisconsin.

FRANK U. G. AGRELIUS, *Instructor in Bacteriology and Botany*. A. B., A. M., University of Kansas.

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W. H. KELLER, *Instructor in Mathematics in the Normal Training High School*. A. B., Kansas State Normal School; graduate study, University of Chicago.

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ANNA BELL NEWTON, *Instructor in English.* B. L., and A. B., Ohio Wesleyan University; A. M., University of Michigan; graduate study, University of Chicago.

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MABELLE MARIE SHELTON, *Instructor in Public School Music in the Normal Training High School.* Columbia School of Music; National Summer School of Music, Chicago; pupil Emil Liebling; August Hyllested.

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FRANCES H. SPENCER, *Instructor in English in the Normal Training High School.* B. L., Ohio Wesleyan University; Vassar College.

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ALVA P. TAYLOR,⁶ *Instructor in English in the Normal Training High School*. A. B., Colorado College, Colorado Springs; A. M., Westminster College.

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GEORGE K. WELLS, *Instructor in Manual Training*. Stout Institute; Lewis Institute; University of Chicago.

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JENNIE WILLIAMS, *Supervising Teacher of Geography in the Training School*. A. B., Kansas State Normal School; graduate study, University of Michigan; Columbia University.

CLARA M. WOESTEMEYER,⁵ *Instructor in Home Economics*. B. S., Kansas State Agricultural College.

Officers of Administration.

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NORMAN TRIPLETT, Ph. D., *Acting Dean.*

MARY ALICE WHITNEY, A. B., A. M., *Acting Dean of Women.*

MARY BAILEY, *Office Assistant.*

WILLIAM SHELTON BIXLER, *Registrar.* B. S., Lincoln College; Ph. M., University of Chicago; graduate study, University of Indiana; University of Pennsylvania.

VERNE BOWLES,⁷ *Cataloguer.* A. B., Washington University; New York State Library School.

DAISY BURLINGAME,² *Bursar.*

WILLIS H. CAROTHERS, A. B., *Principal of the Normal Training High School.*

HELEN COLE, *Accompanist and Office Assistant.*

MARGARET SIEVEWRIGHT DICK,⁶ *Cataloguer.* A. B., Doane College; New York State Library School.

AUGUSTA DUZAN,² *Assistant to the Registrar.*

MARY E. EDWARDS, *Appointment Bureau Secretary.*

GRACE HOWELL,⁵ *Library Assistant.* A. B., Kansas State Normal School.

FAYE HUFFMAN, *Library Assistant.* Kansas State Normal School.

HAZEL HUFFMAN,⁵ *Library Assistant.*

FREDERICK JAMES KELLY, A. B., Ph. D., *Director of the Training School.*

WILLIS H. KERR, A. B., A. M., *Librarian.*

AGNES KING, *School Department Library.* A. B., Buena Vista College; A. M., University of Iowa.

MARY P. KIRTLAN, *Nurse.* Training School for Nurses, Denver.

JAMES THOMAS LARDNER, *Financial Secretary and Purchasing Agent.*

GRACE MILDRED LEAF, *Reference Librarian.* Kansas State Normal School; Simmons College, Boston; University of Wisconsin.

LUCILE OWEN, *Record Clerk, Registrar's Office.* A. B., Kansas State Normal School.

CORA PARKER, *Library Assistant.* A. B., Kansas State Normal School; University of Illinois.

HARRIET PRIEST, *Secretary to the President.*

CARL W. SALSER, *Secretary of the Alumni Association and Director of Extension Division.*

ELIZABETH G. SCHORK, *Library Assistant.* Teachers Training School, Elmira, New York; Bellevue College, Bellevue, Nebraska.

MAUDE E. SHORE, *Library Assistant.* Kansas State Normal School.

WILLIAM H. SINGULAR, *Bursar.* Kansas State Normal School.

HELEN SMITH, *Secretary to the Registrar.*

FRANCES H. SPENCER, *Young Women's Christian Association Secretary.*

MRS. CORNELIA MOSS, *Custodian of Buildings and Grounds.* A. B., Kansas State Normal School.

GENERAL INFORMATION.

HISTORICAL.

The State Normal School of Kansas was located at Emporia by act of the legislature passed in February, 1863; the legislature of 1864 provided for the appointment of a Board of Regents and the organization of the School, and the first appropriation bill, \$1000, for the salaries of teachers was approved February 29, 1864. The School opened its doors to students and began regular work in the upper room of a school building owned by the city of Emporia, February 15, 1865, with one teacher, L. B. Kellogg, and eighteen students. The first building for the use of the School erected by the state was dedicated January 2, 1867; the first graduating class, consisting of two young women, was the class of 1867. Since that time the School has graduated more than 3250 young men and women, and numbered probably 25,000 among its undergraduate students. Almost the entire number of these have engaged for a longer or shorter time in teaching in the schools of Kansas and of other states, and the influence of the School has been a positive and powerful factor in the educational life of the state during all the fifty years of its history. By the legislature of 1901 the Normal School at Hays, and by the legislature of 1903 the Normal School at Pittsburg, were established as auxiliary to the State Normal School at Emporia, and designated, respectively, "The Western Branch State Normal School" and "The Manual Training Auxiliary." By act of the legislature of 1913 the management of these schools was placed in the hands of a Board of Educational Administration. By authority of the same act, the Normal School at Hays was reorganized as the Fort Hays Normal School and the Normal School at Pittsburg as the State Manual Training Normal School.

PURPOSE.

The act organizing the School and locating it permanently at Emporia provided that its exclusive purpose should be "the instruction of persons, both male and female, in the art of teaching," and designated in general terms such branches of instruction as were then recognized as necessary for the accomplishment of that end. The School throughout its history has been conducted in the spirit of its foundation and with specific reference to its function of preparing teachers for the public schools of the state. The field of the Normal School as an essential part of the school system of the state implies a recognition of the principles that proficiency in the art of teaching is dependent upon thorough knowledge of the fundamental principles of the science of teaching, that this knowledge should be both historical and philosophical, and that clear conceptions of methods can

most readily be attained by an intelligent study of them in practical operation. The Normal Schools of the state, then, organized into one system, assume as their field specifically the professional function. The place and value of every subject in the course of study is determined by its relation to this end, the method of approach to every subject of instruction has the teaching purpose practically in view, and in every way the Normal School seeks to develop a distinctive teaching atmosphere, to foster the best expression of the teaching spirit, and to set the highest standards for teaching preparation. To fulfil its mission adequately, and to meet the legitimate demands made upon it, the Normal School recognizes that it must touch every phase of public-school life in the state, must lay the foundations of broad and thorough scholarship and professional training for every grade of school work, and must seek to be a progressive center of educational thought and a disseminator of the best teaching ideals to the schools of every community.

LOCATION.

Emporia, the home of the State Normal School, is a city of approximately 10,000 inhabitants, situated between the Neosho and Cottonwood rivers, in a beautiful and healthful location, easily accessible from all parts of the state. Its railroads are the main line and three branches of the Atchison, Topeka & Santa Fe Railway, and the Neosho branch of the Missouri, Kansas & Texas. Emporia combines ideally the characteristics of a model school town. It is a substantial business city in the center of a prosperous agricultural community. Its well-kept lawns, its commodious and comfortable homes, its public buildings, and its numerous schools and churches are external evidences of the spirit of the community; it has also long been known as one of the most attractive residence and home cities of the West. It is often designated as a city of schools and churches, and the educational and moral tone of the community is wholesome and helpful in the highest degree. Students find a cordial welcome to their church homes in the various places of worship in the city, and they have no difficulty in finding places for room and board with congenial surroundings where the moral safeguards are the very best. Many families in the city are particularly identified with the life of the School because they have been especially attracted to Emporia as a place of residence by its educational opportunities.

BUILDINGS, GROUNDS AND EQUIPMENT.

The Normal School grounds are located immediately adjacent to the city at the north end of Commercial street, the leading business street of Emporia. The original campus of twenty acres has been enlarged by successive purchases so that it now includes about thirty-five acres, including one of the most satisfactory and best equipped athletic fields in the state. The group of buildings includes:

THE MAIN BUILDING.

The central portion was built originally in 1880, but enlarged by the addition of a wing on the west in 1887, and on the east in 1895. In the east wing is the auditorium known as "Albert Taylor Hall." The

entire building is devoted to the purposes of administration and instruction, is about 300 feet long, and contains 80 rooms, exclusive of closets and wardrobes. It is heated by steam, has a complete system of motor ventilation, is supplied with water, gas and electric light; in short, is fully equipped with whatever is necessary for the work of instruction.

THE KELLOGG LIBRARY.

Named in honor of Lyman Beecher Kellogg, first president of the School. It was completed in 1902; an attractive building in exterior and interior. In arrangement and equipment it is well adapted to the purposes of a modern educational library. On the first floor are the newspaper room, young people's department, library science department, an educational document room, and lecture room. On the second or main floor are the reading room, reference department, the loan desk, the stacks, the cataloguing rooms, and the librarian's office.

THE TRAINING SCHOOL BUILDING.

Completed in 1905. It is arranged especially for practice teaching, and contains accommodations for the kindergarten and the eight grades of the common school. It has a good equipment, with playroom, manual training, kindergarten, kitchen, and ample playgrounds. It is notable for its good light and ample ventilation. Valuable and appropriate pictures are on the walls. Its equipment is being added to from year to year.

THE NORTON SCIENCE HALL.

The building was named, by authority of the Regents, "The Norton Science Hall," in honor of Henry B. Norton, first teacher of natural science in the School and associate principal under L. B. Kellogg. Modern laboratories and lecture rooms, equipped with the best scientific apparatus, are provided for the science work. The museum is rich in specimens illustrating the various lines of biological science.

GYMNASIUM AND ATHLETIC FIELD.

The gymnasium is one of the very best in the Middle West. It is in every respect modern, and is designed exclusively for the Department of Physical Education. The basement is almost entirely above ground, allowing plenty of light and direct ventilation. It is equipped with dressing rooms, steel lockers, shower baths and a swimming pool. The first floor, which is 185 by 66 feet in size, is divided by a rolling partition into two gymnasiums. One of these rooms is fitted for basket ball, baseball and other indoor games. The second floor has an exercise room equipped with all modern gymnastic apparatus. The especially attractive feature of the building is the large basket-ball and exhibition room, which, with its visitors' gallery, provides ample room for two thousand spectators. Adjoining the gymnasium is what is conceded to be the best athletic field in the state. This field, which is thoroughly tiled and drained, is provided with a quarter-mile cinder running track with a 220-yard straight-away. It also has two football gridirons, three baseball diamonds, and nine tennis courts. Adjoining this field is a

children's playground and a well-kept space for girls' athletic sports. The size and excellent equipment of the gymnasium, together with the variety of outdoor athletic possibilities and the large staff of expert teachers and coaches, prepares the Normal to more fully train teachers for the athletic and playground work required of teachers than any other school in the West.

MUSIC HALL.

Directly east of the Main Building. The building contains private studios for the instructors in instrumental and violin music, recitation rooms for classes in theory and harmony, and an office. It is well lighted by electricity, and furnishes very comfortable and convenient accommodations for the work in music.

THE EMERGENCY HOSPITAL.

Provided with equipment necessary for the care of the students who are ill. A trained nurse is in charge of the hospital. A small fee is required of all students for meeting the expenses of the nurse. The plan of caring for sick students has proved very effective. Precautionary and preventive measures have checked epidemics and conserved health.

THE POWER, HEATING AND LIGHTING PLANT.

Situated in the rear of the other buildings; is equipped with a modern battery of boilers, engine and generator, which furnishes heat and light for all the buildings, as well as electric power for the blower-fan system of ventilation.

THE SCHOOL YEAR.

The school year is divided into two semesters of approximately eighteen weeks, and the Summer Term, equivalent to a half semester. The year opens with the Summer Term. The first semester is from September to January, inclusive, and the second semester is from February to May, inclusive. The organization of new classes March 28, some of which are for a half semester and others for a full semester, provides for those entering at that time.

EMPLOYMENT FOR STUDENTS.

Students who desire to earn all or a part of their expenses while in school may be able to secure employment of different kinds through the Y. M. C. A. and Y. W. C. A. secretaries, who are in charge of the Normal Employment Bureau.

The men students receive from fifteen to twenty-five cents per hour for the following kinds of work: Janitor service in buildings and on grounds of the Normal, making gardens, cleaning and improving yards, caring for live stock, caring for furnaces, house cleaning, clerking, etc.

Women students receive from fifteen to twenty cents per hour for the following kinds of service: General housework, care of children, sewing, clerking, ironing, etc.

Full board or board and room for both men and women can often be secured in return for steward service at student boarding clubs, waiting tables, washing dishes, cleaning, etc., or for the equivalent of from three to four hours work per day in private families.

Requests for help should be made as far in advance of the opening of school as possible. In case the demand for employment exceeds the supply, the names of applicants desiring work will be filed and the names will be recommended for vacancies as they occur.

FEEES.

All fees except nonresident and hospital fees are to be paid at the beginning of each semester before admission to class.

LATE REGISTRATION. A considerable amount of extra work and a great deal of confusion is caused by the neglect of students to enroll at the time set for that purpose, and a fee of one dollar will be charged those who enroll out of time, unless they present a good excuse for their delay.

GENERAL LABORATORY. Each student will pay a fee of two dollars per semester and one dollar for the Summer Term for general materials and reagents used in class work and for the wear and tear on the equipment in the laboratories, libraries, gymnasiums, etc.

SPECIAL LABORATORY. Students taking work in the sciences, manual training and other training where a considerable amount of material is used individually, will be charged the actual cost of the material used by them.

HOSPITAL. Each school year, or fraction thereof, all students in College and High School work pay one dollar per year, to be used as a fund for the care of the sick. This fee will not be refunded.

CORRESPONDENCE WORK. Students taking work by correspondence pay fees indicated in special correspondence circular.

NONRESIDENT FEES.—Nonresidents will pay in addition to other fees, a fee of \$25 per year, payable in advance by terms as follows: \$10 per term of 20 weeks; \$5 per summer term of 10 weeks. These fees will not be refunded.

EXPRESSION. Private instruction, twenty lessons, fifteen dollars.

COMMERCIAL STUDENTS. Students who take only the commercial subjects are classified as irregular, and are held for the payment of irregular fees.

LIBRARY SCIENCE STUDENTS. Students who take only library science subjects are classified as irregular, and are held for the payment of irregular fees. These are indicated under that head.

MUSIC. For fees in music, see department statement in Outlines of Instruction.

TYPEWRITER. Students taking typewriting pay a special fee for the use of the machine.

EXAMINATION. Students taking special final examinations pay a fee of one dollar for each examination taken. Students regularly registered pay

the regular examination fee of one dollar for the privilege of taking the county examination under the supervision of the State Normal School.

REFUNDING FEES. Except as otherwise stated, the unused portion of fees will be refunded, or will be credited to the student, only in cases of protracted illness.

IRREGULAR STUDENTS.

The student is irregular who takes courses more than one semester in advance of his classification or who takes more than one course in any department, except as it can be shown that such choice of courses is conforming to the required course of study. Students who are irregular in either of these ways pay fees as indicated below. This regulation will not be construed so as to deny any person who is, for example, a Junior College student from taking any course classified as Junior College, provided he has done the work of prerequisite courses.

IRREGULAR FEES. Irregular in one subject one semester, \$4.

HOSPITAL FUND.

This fund is provided by the fee of one dollar per year paid by all students in the College and High School courses. It is used to pay salary of the head nurse, for such emergency hospital supplies as are necessary, and for unavoidable expenses required for proper care of the sick. The hospital fund has met with generous approval and has contributed to better general health and to the comfort of the students.

The hospital fund is administered subject to the following rules:

1. That the responsibility of the nurse extends to the advising of students in cases of mild illness and to the care of more serious cases until other arrangements can be made.
2. That the building be called the "Normal Emergency Hospital," and the fund be designated "Emergency Hospital Fund."
3. That students will be taken from their rooms to the hospital only in cases of emergency.
4. That patients be cared for in the Emergency Hospital no longer than the time necessary to communicate with their parents or friends and arrangements can be made for their safe removal.
5. That patients cared for in the hospital pay day charges at the rate of seventy-five cents a day. This will cover food and simple remedies, but includes neither doctor's fees nor prescriptions.
6. That patients in the Emergency Hospital may call the physician they prefer, and will then be under his care and that of the resident nurse until removed.
7. That cases of contagious diseases be not taken into the Emergency Hospital.
8. That a housekeeper be employed at the Emergency Hospital to care for the house and to furnish meals.
9. That the nurse may have certain hours within which she will make calls.

BOARD AND ROOMS.

Many students are paying as low as \$3 for board in private families, while a very few pay as high as \$4 a week.

Board in clubs costs from \$2.75 to \$3.50 per week. Those who board

themselves reduce the cost about one-half. A careful comparison with the cost of living at other schools in the state shows that students demanding the same kind of accommodations live with as little expense here as at any of them. Every effort is made to reduce expenses to the minimum.

Rooms, unfurnished, \$3 to \$5 per month; furnished, \$5 to \$10 per month, for two students in room, according to size and conveniences.

It is not necessary for students to engage rooms before they come. It is always more satisfactory for them to see what they are engaging before they make definite arrangements. A definite form of rooming-house lease is furnished for the landlady and student to sign, thus minimizing misunderstandings by bringing about a mutual agreement as to what privileges are granted at the time the room is engaged. Leases should be obtained at the Bureau of Information in the Registrar's office. Leases (all three forms) should be returned to the Housing Committee for approval before registration is completed. The original form is retained by the committee, the duplicate is given to the student, and the triplicate is sent to the landlady.

There is a committee of the Faculty which inspects and investigates all conditions affecting boarding and rooming places. Places which they recommend are then placed on an approved list. Men and women are not permitted to room in the same house, and householders, as well as students, are held responsible for the carrying out of the regulation. The approved list of rooms for women can be consulted at the office of the secretary of the Young Women's Christian Association, room 29, Main Building, and that for men at the Bureau of Information in the Registrar's office. In houses where women students are rooming, suitable arrangements for the use of a parlor for the reception of guests are required by the committee in charge.

We strongly recommend that all women get their rooms through the office of the Young Women's Christian Association. Experience proves this to be the most satisfactory way.

EXAMINATIONS.

There is no institution regulation requiring a final examination. However, any instructor may as a part of the regular work of a course require that students take a final examination.

The privilege of taking examinations may be given to students returning to school after an absence during the first semester succeeding their return, after consultation with, and the consent of, the head of the department in which the work is requested, upon the presentation of the Bursar's receipt for the fee required.

New students may establish credit by examination within the first semester of residence. Those of High School rank will make application to the Principal of the Normal Training High School; those of college grade to the Registrar. The fee for each examination is one dollar.

COUNTY EXAMINATIONS.

Regularly registered students of the State Normal School, upon the payment of the usual examination fee of one dollar for each examination, may take the examination for county certificates, to be conducted under the supervision of the State Normal School. The papers in such

examination will be sent to any county designated by the applicant, there to be examined by the county board of examiners, who will issue certificates to the successful applicants under the same conditions as if the examination had been conducted under their supervision.

The dates of the county teachers' examinations are: June 18, 19, July 2, 3, 30 and 31, October 29, 30, 1915, and January 28, 29, 1916.

CERTIFICATES AND DIPLOMAS.

(For specific requirements, see index for following subjects.)

REGULAR CERTIFICATES AND DIPLOMAS.

One-year State Certificate.
Normal Training High School Diploma.
Three-year State Certificate.
Life Certificate.
Kindergarten Life Certificate.
Bachelor of Science in Education.

SPECIAL CERTIFICATES AND DIPLOMAS.

Certificate for Special Proficiency in Kindergarten Teaching.
Certificate for Special Proficiency in Primary Teaching.
Certificate for Special Proficiency in Intermediate and Grammar Grade Teaching.
Certificate for Special Proficiency in Junior High School and Departmental Teaching.
Certificate for Special Proficiency in Rural School Teaching.
Certificate for Special Proficiency in Physical Training Teaching.
Music Certificate.
Music Diploma.
Teacher's Certificate in Public School Music.
Supervisor's Certificate in Public School Music.
Music Supervisor's Diploma.
Library Science Certificate.
Manual Training Certificate.

STUDENTS' LOAN FUND.

The class of 1899 made a gift of \$111.60 to be used as a fund for aiding students. The fund was put in the care of a board of trust composed of the president, vice president, and the head of the Department of Physics and Chemistry. Students who are within one year of graduation have preference in securing loans. When their needs have been met other students may secure loans in order of seniority. The plan proved to be satisfactory, and several other classes have added to the fund. Following is a statement of the fund to date, March 1, 1915:

GIFTS BY CLASSES.

Class of 1899	\$111.60
Class of 1900	107.56
Class of 1901	141.65
Class of 1905	27.00
Class of 1908	235.00
Class of 1909	168.28
Class of 1910	197.90
Class of 1911	107.16
Class of 1912	79.50
Class of 1913	51.55
Class of 1914	75.00

Total gifts to date \$1,302.20

Present worth of fund, March 1, 1914.....	\$1,753.38
Interest, March 1, 1914, to March 1, 1915.....	72.39
Gift, class of 1914	75.00

Present worth of fund, March 1, 1915..... \$1,900.77

The making of loans is in the hands of the committee above mentioned, of which Prof. James W. Mayberry is treasurer. Students interested should inquire of him.

BIBLE STUDY WORK.

Credit is given for Bible study. The Bible as literature, courses dealing with the pedagogy of Bible study, and courses in Bible history may be submitted for credit. Students of High School and College grade are eligible for credit. The semester hour is the measure of credit for such courses. The maximum credit in one school year is one semester hour, and the maximum credit which may be allowed a person is three semester hours. Thus far, only persons who are registered as Normal School students have been given credit for work done. It is required that students who wish credit should register for approved courses in making up their semester programs. All courses for which credit is desired must be submitted to the Bible Study Committee by September 1. Full information must be given concerning the lines of work to be offered, the time to be given each Sunday, or other time of meeting of the class, the ages of the students, and the qualifications of the teacher. The committee reserves the right to give examinations, or to examine reports, papers, etc., required of students as a part of the work done. Persons wishing further information should write the Registrar.

THE TRAINING SCHOOL.

The Training School offers a complete elementary course, including a two-year kindergarten course. In addition to the so-called common branches, emphasis is laid upon German, physical training, cooking, sewing, manual training, drawing, and music. The departmental plan of supervision is used above the third grade for geography, literature and arithmetic, thus affording excellent facilities for preparing teachers for junior high schools. A fee of \$2 per half-year in the kindergarten and primary grades, and of \$3 per half-year in grades above the primary, is payable at the time of entrance. For attendance during the Summer Session a fee of \$1 is charged, but is refunded to all children who continue in attendance for the entire Summer Term.

The aim of the School is threefold: (1) It strives to exemplify, in its organization, its discipline, its curriculum, and its methods of teaching, those principles of education for which the State Normal School stands. (2) It provides an opportunity for prospective teachers to observe these principles thus exemplified, and to carry out in practice the theories which they have learned in courses in education. (3) It seeks to establish the truth or falsity of proposed theories of education by controlled experiments in the application of the theories in question.

To meet the above aim, the School maintains great flexibility in its courses of study. A few general principles which guide in the selection of subject matter and in the choice of methods may be given.

(1) Health is fundamental to normal mental development, and therefore our first consideration is the physical welfare of the children. Physical examination, with the resulting corrective gymnastics and recommendations to parents, supplements the regular physical-training exercises taken by the children.

(2) The development of individuality and self-control is of more value than the acquisition of any fund of information. Therefore, we have a minimum of uniformity of class exercise and a maximum of attention to individual differences. A large measure of responsibility for both selecting the significant elements in the lessons and organizing them into proper form for future use is placed upon the children as early as possible. Much responsibility for self-control is also placed early upon the children. The school is as much a natural social group as possible, the success of the undertakings of which depend upon the successful coöperation of the children.

(3) A genuine interest in whatever is called for in the school must be felt by each child if he is to develop strength by assimilating it. While the work of the school must result in a mastery of the tools of learning, such as reading, writing, and numbers, these tools should be mastered by use in connection with real problems which are in themselves worth mastering. The necessary drill should be largely obtained in situations which the children or the teacher build up requiring the use of the tool subjects. These situations include games, storekeeping, story-reading, written requests, invitations, etc.

A tentative outline of courses of study, designed to accomplish the above aim, is being worked out in connection with actual school activities.

SUMMER SCHOOL.

The courses given in the Summer School cover the work of the various departments. Credit earned then applies to the requirements the same as does credit earned at other times of the year. The courses given and the credit of each are indicated in the beginning of each course description. The library, laboratories and gymnasium are open for the use of students. In addition to regular courses, there will be many special features of interest to teachers—review courses, the work of the Training School and special lectures for which credit is given. The speakers and subjects for the coming Summer School are here indicated. Each will continue through one week.

LECTURERS, SUMMER SCHOOL.

Dr. Henry Suzzallo, Columbia University, New York city: "The Social Aspects of Education."

Dr. Henry H. Goddard, director of Vineland, New Jersey, Training School: "Defectives, Retardation, and Intelligence Tests."

Dr. Zebulon Judd, county superintendent and professor of rural education, University of North Carolina: "Economy of Time in Education."

Dr. Henry S. Curtis, the leader of the playground movement in America: "Plays and Playgrounds, Their Place in Education."

Miss Flora J. Cook, principal of the Frances W. Parker School, Chicago, Ill.: "Primary Education."

LECTURES AND ENTERTAINMENTS.

A high-class lecture course of five or six numbers has for years been maintained under the general direction of a committee of the Faculty. These courses include from time to time the very best available talent on the American platform for concerts, readings and addresses, selected with special reference to the educational, artistic and inspirational value of their work to the student body. In addition to the regular lecture course, provision is made for addresses from time to time from men and women of note in all lines of intellectual activity on educational and other themes, and the presentation from the platform of the best in the various forms of artistic expression. The broadening of outlook, the stimulus to thought, and the growth of appreciation as to fine arts and its best forms of expression, make the frequent opportunities that are given to hear men and women of reputation in various lines of achievement one of the most helpful features of school life. The following appeared during the past year:

FIFTIETH COMMENCEMENT SPEAKERS.

Rev. Charles Parker Connolly, Church of the Christian Union, Rockford, Ill., baccalaureate address.

Rabbi Leon Harrison, Temple Israel, St. Louis, commencement address.

SUMMER SCHOOL SPEAKERS AND ENTERTAINMENTS.

Prof. H. L. Miller, University of Wisconsin: "Problems of High School Administration."

Prof. S. A. Courtis, Liggett School, Detroit, Mich.: "Educational Measurements."

Miss Anna E. George, director of Montessori School, Washington, D. C.: "The Montessori Principles and Methods."

Prof. W. W. Charters, dean of the School of Education, University of Missouri: "The Making of the Curriculum."

Supt. E. T. Bauman, superintendent of schools, Quincy, Ill.: "The Teacher and the Teaching Business."

Supt. M. E. Pearson, Kansas City, Kan.: "School Administration."

Supt. H. B. Wilson, Topeka, Kan.: "School Administration."

Supt. L. W. Mayberry, Wichita, Kan.: "School Administration."

REGULAR LECTURE COURSE.

Sibyl Sammis MacDermid, dramatic soprano; James G. MacDermid, accompanist; Mabel Helen Rogers, harpist. November 6, 1914.

Fannie Bloomfield Zeisler, pianist; Helen Ware, violinist. November 20, 1914.

Prof. S. H. Clark, "Les Miserables." January 15, 1915.

Fuller Sisters, English, Scottish and Irish folk songs. February 9, 1915.

Mme. Harriet Labadie, interpretive reader. March 8, 1915.

Jenny Defau, soprano, and Frederick Morley, pianist. March 18, 1915.

OTHER LECTURERS AND ENTERTAINMENTS.

Mrs. Margaret Hill-McCarter, author and lecturer. September 8, 1914. Subject, "Votes for Children."

Prof. Frank E. Thompson, dean of the School of Education, University of Colorado. October 14, 1914.

Dr. W. A. Jessup, dean of the School of Education, University of Iowa. February 12, 1915.

Hon. Charles F. Scott, on "Belgian Relief." March 18, 1915.

EXTENSION DIVISION.

All phases of extension work done by the Kansas State Normal are centralized in the Extension Division. The Division consists of the following departments:

APPOINTMENT BUREAU.

This Bureau is managed jointly by the institution and the Alumni Association through a board of seven members. The registration in the Bureau is thirteen hundred, and from this number candidates for every line of school work can be selected. Those enrolled are carefully catalogued and classified, so that recommendations may be quickly made. Information concerning candidates is in every case to be returned to the Bureau. The Appointment Bureau insures more certain placing of teachers at graduation and more rapid advancement of those in the field. It provides a systematic method for getting school boards and teachers together. It keeps on file complete and accurate reports as to the success of its teachers. It sends out teachers almost every week in the year.

CORRESPONDENCE STUDY.

The State Normal School is doing a constantly increasing amount of work in correspondence study. Work by correspondence is offered in practically every department of instruction. A definite but reasonable fee per hour or unit is required. This work is all outlined in a special catalogue, which may be had for the asking. This department enables students to make progress whether they can attend school or not.

Any amount of high-school work may be done by correspondence. Not more than one-half the credit required for any certificate, or for the B. S. degree, may be accumulated by correspondence. This in no way operates to reduce residence requirements stated elsewhere.

In conjunction with the work in correspondence study provision is made for the organization of study groups, to be conducted by members of the Faculty or by approved superintendents or principals. A number of such groups have been organized over the state. Those who complete satisfactorily the work in these groups are given credit which counts toward graduation just the same as work done here in residence. Several such groups are at work this year.

EXTENSION LECTURES.

This department offers lectures and entertainments to the communities of Kansas. Every activity of the School is represented in the extension pamphlet issued by this department. Teachers' associations, parents' meetings, social centers, men's clubs, women's clubs and other organizations can select to advantage from the list of lectures and entertainments offered.

In coöperation with the Library, this department takes care of inquiries as to library helps, book lists, etc. It offers the advice of Faculty members in regard to building and equipment of school plants, methods

of instruction, etc. Special effort is made to answer fully every inquiry that is received.

This department also provides a Victrola, with records and lectures on music appreciation, motion pictures, microscope slides, lantern slides, drawing exhibit, etc.

PUBLICITY.

The dissemination of all news of the school and all publications, such as its magazine, *Teaching*, and the various special bulletins is provided by the Publicity Department, under the general direction of the Publicity Committee of the Faculty.

ALUMNI ORGANIZATIONS.

The Alumni Department takes care of all alumni meetings and records, publishes an alumni catalogue from time to time, manages the property of the association, and serves as general alumni headquarters every day in the year.

Inquiries concerning any of these phases of extension work should be addressed to Extension Division, Kansas State Normal, Emporia, Kan.

CHAPEL.

The chapel exercises are held Monday, Wednesday and Friday from 10 to 10:20. Attendance is required.

PUBLICATIONS.

In addition to the General Catalogue, the following publications are put out by the Kansas State Normal School:

TEACHING, a magazine published every two weeks, devoted to all phases of educational and teacher-training work. Six thousand copies of each edition are distributed to teachers and school officers of Kansas. Each issue is devoted to some special educational topic. The magazine is edited by Mr. Baker Brownell, of the English Department, and will be sent free of charge to any one in the state of Kansas.

CORRESPONDENCE-STUDY CATALOGUE, issued each year by the Extension Division, contains full information concerning courses, fees, time, etc., in correspondence work. This catalogue is sent free to any one upon request.

EXTENSION CATALOGUE, issued annually by the Extension Division, contains full information regarding lectures, lyceum courses and special features of various kinds provided by the State Normal School.

MUSIC CATALOGUE, issued once a year by the Music School, and containing full information about instruction in public-school music, voice, piano, violin, harmony, theory, history of music, etc. Sent on request.

ALUMNI CATALOGUE, issued by the Extension Division, and containing register of alumni as well as other information concerning the School and the Alumni Association. May be had for the asking.

THE SUNFLOWER, the year-book of the School, published by the student body. Distributed through the Annual Staff.

SPECIAL BULLETINS, such as plays and games, school gardening, etc., are published from time to time.

THE STATE NORMAL BULLETIN, published weekly by the students, through the *Bulletin* staff, elected each year from the student body.

ACCREDITED HIGH SCHOOLS OF KANSAS.

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Abilene	W. A. Stacey, B. S.	J. W. French, A. B.
Admire	Roy L. Morrison	Maud Waterman, A. B.
Alden	H. K. Thompson, A. B.	P. P. Covert, A. B.
Alma	E. W. Leamer, A. B.	James W. Tanner, A. B.
Almena		B. D. Reazin, A. B.
Alta Vista	R. B. Bowlen	Katherine Doty, A. B.
Alton	A. B. Dillon	Lena Hadley
Altoona	Geo. L. Atkeson, L. D.	L. R. Patrick, B. S.
Americus	J. W. Wallace	Clara Beach
Andover		J. I. Brown, A. B.
Anthony	B. E. Lewis, A. M.	C. H. Ream, A. B.
Argentine	M. E. Pearson, A. M.	F. D. Tracy
Arkansas City	John F. Bender, A. B.	J. F. Gilliland, A. B.
Ashland	O. O. Smith, A. B.	W. J. Franks, B. S.
Assaria	Harry L. Olsson, A. B.	Clara Ericson
Atchison	Nathan T. Veatch	H. P. Shepherd, B. S.
Atlanta	S. M. Woodman, A. B.	Lulu La Brant, A. B.
Atchison County, Efingham		J. R. Thierstein, Ph. D.
Attica	E. D. Farner, A. B.	A. E. Karnes, A. B.
Augusta	Neil W. Rogers, B. S.	
Axtell	C. I. Smith, A. B.	J. F. Dague, A. B.
Baker University Academy, Baldwin.		
Baldwin		O. J. Lane.
Barnard	Leroy Owsley	Margaret Richmond.
Basehor		W. J. Warren, A. B.
Baxter Springs	J. W. Twente, A. B.	Genevieve Nowlin, B. S.
Beattie	W. A. Wood, B. S.	Myrtle I. Matchett.
Belle Plaine	P. N. Heck	T. F. Hally, A. B.
Belleville	W. J. Poundstone, A. B.	C. A. McLeland, A. B.
Beloit	R. L. Hamilton	A. R. Loop.
Belpre	A. J. Voran	E. W. Wren, A. B.
Benedict	J. W. Clark	Lucile Sexton.
Bethel College Academy, Newton		J. W. Kliever, S. T. B.
Beverly	J. T. Griffith	Delia B. Bates.
Blue Mound	T. S. Trigg	Florence Spencer.
Blue Rapids	J. H. Houston	Harriet Landers.
Bonner Springs	C. C. Thompson	C. H. Pate.
Bronson		W. P. Reese.
Brookville	B. K. Crittenden, B. S.	Winnifred Martin, A. B.
Bucklin	N. B. Mahuron, A. B.	Garnet M. Everly, A. B.
Buffalo	Ida L. Booth, A. B.	James C. Malin, A. B.
Bunker Hill		C. W. Thompson, A. M.
Burden		E. W. Fent.
Burlingame	E. L. Heilman	Minnie L. Steckel.
Burlington	W. S. Rupe, A. B.	Myrtle Warrington, A. B.
Burns	O. M. Adams	L. R. Icke, A. B.
Burr Oak	Fred Eaton, A. M.	Lula Coyner.
Burrton		W. E. Hagy, B. S.
Caldwell	C. E. Ames, A. M.	A. H. Fast, A. B.
Caney	P. B. Humphrey, B. S.	E. A. Funk, A. B.
Canton	G. C. Dotzour, A. B.	Bess Benell, A. B.
Carbondale	Omer P. Stevens, Pd. B.	Meridith Robbins, A. B.
Cathedral High School, Leavenworth		Rev. B. S. Kelly.
Catholic High School, Kansas City		Rev. Patrick McInerney.
Cawker City	R. M. Prizer	Mary R. Fronk.
Cedar Vale	J. F. Groom, A. B.	Lockie Dryden.
Centralia	Geo. O. Kean	Edna F. Thomas, B. S. D.
Chanute	F. J. Hughes, A. B.	Wm. J. Williams, A. B.
Chase	Fred H. Barber, A. M.	May M. Anderson.
Chase County, Cottonwood Falls		C. L. Cole, LL. B.
Cheney	W. W. Curfman, A. B.	Nina Lunden, A. B.
Cherokee County, Columbus		R. R. Cook, A. B.
Cherryvale	N. A. Baker, LL. B.	C. H. Neilson.
Chetopa	D. E. Conner	Charlotte Anderson, B. M.
Cheyenne County, St. Francis		Audubon H. Neff, A. B.
Cimarron	Bruce Josseland	Carolyn Cowell.
Circleville	F. R. Palmer	Roscoe Bahret.
Claffin		O. J. Weir.
Clay County, Clay Center		E. B. Allbaugh.
Clearwater	R. M. Crum	Nannie Davis.

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Clifton	A. U. Jarrett	Mary Boal
Clyde	G. H. Baird	Agnes Laughlin, A. B.
Coffeyville	A. A. Hughart, A. M.	R. Y. Kennedy, B. S.
Coldwater	J. W. Swaney	D. O. Reed
Colony	C. F. Barnes, A. B.	Hattie Price, A. B.
Concordia	O. B. Seyster, A. M.	J. A. Brownlee, A. B.
Conway Springs	E. D. Carter, A. B.	Hazel Brewer, A. B.
Corning		F. J. Whitaker
Council Grove	E. W. Wells	W. W. McConnell
Courtland		E. J. George
Crawford County,		
Cherokee		Lee Harrison
Cuba	O. A. Blackney	Elizabeth Panek
Cunningham	J. A. Steele	L. A. Perry, A. B.
Delphos	A. B. Morris, A. B.	Maude Estes, B. S.
Derby	Chas. W. Hill, A. B.	Cassie Jones, A. M.
Dexter	Roy R. Rutledge, A. B.	Sadie W. Pottorf, A. B.
Dickinson County,		
Chapman		W. S. Robb, A. B.
Dixon Township,		
Argonia		W. A. Baker, A. B.
Dodge City	J. H. Clement, A. M.	A. G. Marple, A. B.
Douglass	Clyde Muchmore, A. B.	Sophia Shawver
Downs	C. F. Cool, A. B.	Alex C. Johnson, A. B.
Easton	John L. Rowe	Ada B. Cressman, A. M.
Edna		J. M. Little
Edwardsville		Geo. D. Rathbun
El Dorado	J. B. Heffelfinger, A. B.	John W. Charles, A. M.
Ellinwood	H. E. Powers, B. Pd.	Carolyn Meisenbach, B. Pd.
Ellis	J. E. Chamberlain	Emilie Wedell
Ellsworth	O. J. Silverwood, A. B.	H. A. Froning, A. B.
Elsmore		Emil L. Larson
Elwood	C. F. Jones	Elizabeth Potter, A. B.
Emporia	L. A. Lowther	S. U. Pett
Englewood		Elizabeth Taylor
Enterprise	J. J. Yoder	C. E. Almquist
Erie	James M. Nation	Otto Mulvaney
Esbon	Edith S. De Moss, A. B.	Mabel Shoemaker, B. P.
Eskridge	F. E. Alder, A. B.	L. R. Isaacs, A. B.
Eudora	Chas. Kelly	Iida L. Coffin, A. B.
Eureka	O. R. Farris	J. T. Hunter, A. B.
Everest		J. B. Hitt, B. S.
Fairview	Carl H. Skinner, A. B.	Florence D. Bunbury, A. B.
Florence	C. A. Axton, A. B.	Winifred Gallagher
Formoso	C. W. Hill	Jennie I. Campbell, A. B.
Fort Scott	H. D. Ramsey, A. B.	J. A. Devlin, B. S.
Fowler	Ross L. Miller	Mae Pierce, A. B.
Frankfort	S. W. McGarrah, A. M.	T. H. Post
Fredonia	A. I. Decker	W. I. Matthews
Friends University		
Academy, Wichita		A. F. Styles, A. M.
Frontenac	L. S. Minckley, A. M.	John Tikani
Galena	R. E. Long, A. B.	H. C. Dale, A. B.
Garden City	E. J. Dumond	Maude Gorham, B. Di.
Garden Plain		Wm. P. Woods
Gardner	John P. Boyle, Pd. B.	Harriet Tuller, B. L.
Garnett	C. H. Oman, A. B.	G. H. Marshall
Gas	Charles R. Adamson, A. B.	Gladys Konantz, A. B.
Geneseo	Cornelius Foster	Miss McVay, B. S.
Girard	H. W. Shideler, A. B.	A. B. Steele, A. B.
Glasco		Rose E. Hadden
Glen Elder	Mary B. Nelson	Laura B. White, A. B.
Goddard	J. V. Colville, B. S.	Mrs. J. V. Colville, A. B.
Goff	G. E. Battin, LL. B.	Grace D. Johnson
Grant County,		
New Ulisses		Ellen M. Hickok
Great Bend	A. F. Senter, B. S.	W. E. Long, A. B.
Greeley County,		
Tribune		W. H. Skinner
Greenleaf	A. J. Bassett	A. Larson
Grenola	Chas. H. Dewey	Myrtle Wilcoxson
Gypsum	Fred Barrell	Ivy B. Morgan
Halstead	W. C. Gibbon, A. M.	Walter A. Lee, A. B.
Hamilton	C. S. Miller, A. B.	Nina J. Long, A. B.
Hanover	Fred W. Meyer, A. B.	Della Pennoek, A. B.
Harper	E. L. Fulton, A. B.	Edna Johrding, A. B.
Hartford	W. S. Higgs	Lillian Whitby, B. S.
Harveyville	F. I. Hinshaw	Louise Edgington
Haven		J. N. Fracey
Havensville	S. W. Kintigh, A. B.	Anna Moneymaker
Hays	C. A. Shively, A. B.	Georgia Virmond, A. B.
Hazelton	Frank T. Williams	Lola Lichlyter

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Herington	Francis Robb, A. B.	Chas. H. Sandy, A. B.
Hesston Academy		D. H. Bender.
Hiawatha	E. B. Gift, A. B.	A. S. Bigelow.
Highland	J. A. Jones, B. S.	J. W. Marston.
Hill City	A. D. Haas.	LoRee Cave, A. B.
Hillsboro	H. W. Thompson, A. M.	Alice E. Nash, A. B.
Hoisington	R. Rankin, A. B.	Edmund C. Bechtold, A. B.
Holton	A. R. Mack, A. B.	Robert J. Drake, A. B.
Hope	W. O. Stark.	Mary Bertschinger.
Horton	D. L. Dalke, A. M.	W. W. Schirmer, Ph. B.
Howard	Fred C. Gardner.	W. F. Heisler.
Hugoton	O. R. Bowman, B. S.	
Humboldt	C. M. Hilleary.	Amos H. Vance, A. M.
Hutchinson	J. O. Hall, A. B.	E. F. Ewing.
Iola	C. C. Brown, A. M.	J. H. Sawtell, A. B.
Irving	Ralph H. Smith.	Nellie Hensley.
Jamestown	Anna S. Henning.	C. H. Voorhees.
Jetmore		H. J. Davis.
Jewell City	O. N. Berry.	J. W. Lipper, A. B.
Junction City	Chas. A. Wagner, A. B.	Vernon Lantiss, A. M.
Kansas City	M. E. Pearson, B. D.	
Kincaid	M. L. Smith, B. Pd.	Bessie Marsh, A. B.
Kingman	Geo. F. Solter, A. B.	H. C. McMillin, A. B.
Kinsley	D. A. Baugher, A. B.	Louis Ringwalt.
Kiowa County, Greensburg		Albert E. Lunceford, A. B.
Kiowa	G. A. De Lay.	Ira Bernstorff.
Kipp	A. R. Baldwin, A. B.	L. E. Gessell.
Kirwin	J. P. Johnson, B. S.	Myrtle Barrier, A. B.
Labette County, Altamont		W. M. Kyser, A. B.
La Crosse	Geo. L. McClenny.	S. O. Perkins.
La Cygne	W. C. Wilson, A. B.	Alta Surtees, B. S.
La Harpe	A. L. Hollister, A. B.	J. W. Jones.
Lakin	F. M. Hyames, LL. B.	Clara M. Speckman, A. B.
Lane County, Dighton		E. E. Colyer, A. B.
Lansing	J. E. Fraser, A. B.	Duncan McRuer, A. B.
Larned	R. V. Phinney.	A. G. Tritt, A. B.
Latham		Earl Walker, A. B.
Lawrence	F. P. Smith, A. M.	F. H. Olney, A. B.
Leavenworth	M. E. Moore, A. B.	W. A. Bailey, A. B.
Lebanon	M. I. Coldwell, A. B.	Clyde McMindes.
Lebo	W. J. Waldorf.	Gertrude W. Barber, A. B.
Lecompton		James C. Sloan.
Leon	J. H. Gibson.	Wm. H. Hogue.
Le Roy	S. R. Cellars.	Esme Cellars.
Lewis	Cyril M. Whitlow, A. B.	Alberta Wenkheimer, B. S.
Liberal	F. O. Rindom.	Mabel Heikes.
Lincoln	J. H. Davis, B. Ped.	E. F. Tinker, B. Ped.
Lindsborg	Elmer Ahlstedt, A. B.	Lydia M. Esping.
Linwood		C. O. Bowman.
Little River	F. W. Lennen.	Edna M. Edgerton, A. B.
Logan	J. M. Haney, A. B.	Rae Wiltrout, A. B.
Longton	Carl D. Davis, A. B.	Ethel Jolly.
Lost Springs	Geo. E. Wynn, B. S. D.	Erma Barr.
Lucas	T. W. Wells.	Beulah Kelley, A. B.
Luray	E. F. McGlasson.	Elizabeth N. Heim.
Lyndon	E. A. Walker.	Lillian Miller, A. B.
Lyons	T. A. Edgerton.	A. E. Brown, A. M.
Macksville	E. J. Chesky, A. B.	Esco Peters, A. B.
Madison	H. E. Chandler, A. B.	Margaret Barkley, A. B.
Maize		R. P. Dotzour.
Manhattan	John Lofty, A. B.	Geo. F. Brooks, Ph. B.
Mankato	J. J. Haney.	Mattie Walker, A. B.
Maple Hill	Geo. D. Biggs.	Edith E. Ames, A. B.
Marion	C. E. St. John.	A. S. Wight, A. B.
Marquette	James B. Tucker.	Ora P. Frye, A. B.
Marysville	C. O. Smith.	J. J. Fowler, A. B.
McCracken	James M. Carpenter.	Arthur A. Names.
McCune		C. E. Potter.
McLouth	O. M. Thine, A. B.	Edna Morrison.
McPherson	Geo. G. Pinney, A. B.	R. W. Potwin, A. B.
Meade	J. H. Hamilton, A. B.	Carl Burkhead.
Medicine Lodge	D. W. Major, A. M.	Annie E. Bell, A. B.
Melvyn	O. H. Thomas.	Sophia Davies, A. B.
Meriden	C. C. Carter.	Beulah Chalmers, A. B.
Merriam		W. S. McRuer, A. B.
Midland College, Atchison		S. L. Soper, A. B.
Mildred	Lovonia M. Donica, A. B.	J. W. Foster.
Milton		Ralph Stinson.

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Minneapolis	C. A. Yeomans, A. M.	Grace Irwin, A. B.
Moline	W. T. King.	Clara I. Crain, A. B.
Montgomery County, Independence		S. M. Nees, A. M.
Moran	V. E. Miner, A. B.	J. C. Butler.
Morehead		F. R. Green, A. B.
Morrill	S. V. Mallory, B. S.	
Mound City		W. T. Hoover, A. M.
Moundridge	W. M. Rishel.	C. B. Vmon, A. B.
Mound Valley,		J. F. Johnson.
Mount Hope	C. R. Rankin, A. M.	C. Carlisle, A. B.
Mulberry	W. R. Cleveland, A. B.	H. C. Rule.
Mulvane	J. A. Jeffries, Jr., A. B.	James A. Glover, A. B.
Muscotah	B. G. Thayer.	Lucy Foulk, A. B.
Natoma	F. C. Marks, A. B.	Jessie M. Coe, A. B.
Nazareth Academy, Concordia	Rev. Mother Antoinette.	Sister M. Louise, A. M.
Neodesha	H. P. Study, A. M.	Wm. H. Grayum, A. B.
Neosho Falls	Fred C. Walter.	Floy Gebhardt.
Neosho Rapids		J. B. Fridley.
Ness City		J. E. Cook.
Newton	B. F. Martin.	W. A. Sterba, A. B.
Norton County, Norton		Guy H. Jaggard, A. B.
Nortonville		Chas. F. Turner, Ph. B.
Norwich	E. C. Farrar.	Ersie E. Houser, A. B.
Oakley	Fred H. Bailey, B. S. D.	D. H. Leighton.
Oberlin	Elwood Brooks.	Caleb W. Swick.
Olathe	S. D. Dice, A. B.	E. N. Hill, A. M.
Onaga	W. A. Wise, A. M.	Ward R. Miles, A. D.
Oneida	W. T. Markham.	Gladys Ambrose.
Osage City	V. E. Postma, A. B.	A. Seaton, A. B.
Osawatimie	A. S. Hiatt, A. B.	H. B. Amyx.
Osborne	C. E. Rarick, A. B.	Elsie Power, Ph. B.
Oskaloosa	G. E. Whitcroft.	J. W. Trusdale.
Oswego	J. I. Knott, A. B.	Fred N. McColey.
Ottawa	A. L. Bell, Ph. D.	R. E. Gowans, A. B.
Ottawa University Academy		Lulu M. Brown, A. B.
Overbrook	Ira M. Hassler, A. B.	Blanche E. Coffman, A. B.
Oxford	J. W. Wengler, A. B.	Elsie Asher.
Palco		A. R. Reed.
Paola	J. F. Barnhill, A. B.	Edward N. Van Der Vries, A. B.
Parsons	F. L. Pinet.	H. T. Steeper, A. B.
Pawnee Rock		M. R. Chauncey, A. B.
Peabody	A. K. Loomis, A. B.	P. C. Vilander, B. S.
Perry	H. L. Pasley, B. S. D.	Alice Morrett.
Phillipsburg	Olive L. Thomas.	Mrs. J. M. Hall.
Pittsburg		J. L. Hutchinson.
Plainville	H. J. Brown.	Belle Lunden, B. S.
Pleasanton	J. M. Chapman, A. M.	B. B. Shore, A. M.
Pomona	Vivian E. Hutchins, A. B.	Inez C. Johnson, A. B.
Portis	E. P. Curtis, Ph. B.	Stella Kipple, A. B.
Potwin	A. H. Murphy.	Gaile M. Lindholm, A. B.
Powhattan	E. W. Buffon.	Fay Butler.
Pratt		J. F. Reynolds, B. Ped.
Preston		H. L. Osborne.
Protection	J. F. Hoch, M. E.	Allie B. Lawhead, A. B.
Quenemo	E. A. Thomas.	Martha M. Largent.
Quincy		E. B. Redman, A. B.
Quinter	R. M. Sutcliff.	Bessie Perry.
Ramona	J. C. Anderson, B. S.	Edith Samuelson.
Randall		C. O. Larson, B. Pd.
Randolph	A. L. Coffman, B. Pd.	Maud Arnett, A. B.
Ransom		R. W. Ellenberger, A. B.
Rawlins County, Atwood		Chas. H. Brooks.
Reading	Martha George, A. B.	Edith M. Kanode, A. B.
Redfield		Evelyn Giddersleeve.
Reno County High School, Nickerson		E. B. Smith, A. M.
Republic		H. H. Stephenson.
Robinson	W. E. Nelson, A. B.	Mary A. Showalter, A. B.
Rock Creek	H. O. Alleman, A. B.	Helen E. Douglas.
Rosedale	Armon P. Vaughn.	W. J. Neumann, A. B.
Rose Hill	Burt C. Ludlam, A. M.	W. F. Ramsdale, A. B.
Rossville	Harry H. Livingood, A. B.	
Russell	F. R. Aldrich, A. B.	Vernon Reppert, A. B.
Russell Springs		Murray Wallace.
Sabetha	Geo. A. Allen, Jr.	C. E. Irwin, A. B.
Sacred Heart Academy, Salina	Rev. John Maher, D. D.	Sister M. Raphael.

<i>School.</i>	<i>Superintendent.</i>	<i>Principal.</i>
Salina	W. S. Heusner, A. B.	R. H. McWilliams, A. M.
Savonburg		B. W. Merwin, A. B.
Scandia		G. P. Plotner, A. B.
Scott County High School, Scott		F. H. Beedle.
Seranton	F. H. Jorgensen.	Effie R. Correll.
Sedan	J. W. Roberts, A. B.	W. J. Meyer.
Sedgwick	H. S. Gilliams.	Edna F. Hartman, A. B.
Seneca	R. G. Mueller, A. B.	C. C. Fairchild, A. B.
Severance	C. R. Hewins.	W. A. McCollum.
Severy	W. D. Seaver.	W. M. Richards.
Sharon	W. M. Seaman.	Esther Dunn.
Sharon Springs	W. E. Graves, A. B.	G. A. Ogden, A. B.
Sheridan County, Hoxie		C. L. Williams.
Sherman County, Goodland		L. D. Griffiee.
Silver Lake		F. W. Huntington.
Smith Center	G. M. Warren, A. B.	Etta Arrasmith, A. B.
Soldier	M. E. Alleman, A. B.	E. H. Tolin.
Solomon	J. L. Mickey, B. Pd.	Jennie Johnson.
Southwestern Academy, Winfield		A. L. Stickel, A. M.
Spearville	L. F. Metzler, A. B.	Ella F. Jones, A. B.
Spivey	Thyrza Amos.	R. E. Stinson.
Spring Hill		J. K. Ellwood, A. M.
Spring Township, Anthony		LeRoy Harris.
Stafford	Gordon Bailey, A. M.	Burt O. Beal, A. B.
Stark		Pearle N. Kitchen, A. B.
Sterling	Chas. A. Hall, A. B.	R. H. Williams.
St. John	W. F. Shaw, A. B.	J. I. Wolfe.
St. Marys	R. A. Postma.	Ida K. Moriarty.
Stockton	B. H. Rouse, Ph. B.	Eleanor Morrison, A. B.
Sumnerfield	I. L. McKinley, A. B.	Marguerite McLellan, A. B.
Sumner County, Wellington		H. P. Butcher, A. B.
Sylvan Grove	G. O. Hitchcock.	Leona Calene, A. B.
Syracuse	Chas. C. Marlowe.	Ellen Daniels.
Tescott	C. M. Hightower, A. B.	Mary B. Graham, B. L.
Thayer	A. L. Cross.	May Henninger.
Thomas County High School, Colby		E. B. Barnes, A. B.
Tonganoxie	C. W. McCormick, A. B.	Mary K. Phenicie, A. B.
Topeka	H. B. Wilson, A. M.	A. J. Stout.
Toronto	Willis C. Perry.	Arthur Callaway.
Towanda		M. H. Read, A. B.
Trego County, Wa Keeney		J. H. Niesley, A. M.
Troy		C. S. Hambleton, A. B.
Udall		M. C. Hume.
Utica	Guy Baltz, A. B.	Florence Baltz.
Valley Center	F. E. Robinson, B. S.	Bertha Hershey, A. B.
Valley Falls	Harry McGuire.	Maud Myers.
Vermilion	C. Kraemer.	Pearl Barker, A. B.
Viola		M. S. Cox, A. B.
Virgil		O. D. Allis, A. B.
Waldo	C. L. King.	Ruth McVey.
Walnut	W. S. Pate, B. S.	Lillian Hayner, A. B.
Walton	C. A. Thompson.	J. C. McArthur, A. B.
Wamego	H. C. Jent, A. B.	Emma D. Partridge, A. B.
Washburn Academy, Topeka		Wilson C. Wheeler, A. B.
Washington	J. W. Murphy, A. B.	E. C. O'Roke, A. B.
Waterville	E. M. Bartholow, A. B.	Elizabeth Brock, A. M.
Wathena	C. I. Vinsonhaler, A. B.	Chester R. Milham, A. B.
Weir	E. B. Allen, A. B.	F. E. Messersmith.
Wellsville	Will H. Cannon, A. M.	Rose Hutchins, A. B.
Westmoreland	Geo. T. Codding.	Gertrude Jenks.
Westmore	Albert A. Dreier, A. B.	Ethel Myers, A. B.
White City	J. H. Waldron.	Metta McCall.
White Cloud		C. G. Landrum, A. B.
Whiting		W. R. Evans, A. B.
White Water	R. L. Hazzard, A. B.	L. R. Hazzard, A. B.
Wichita	L. W. Mayberry, A. B.	I. M. Allen, A. B.
Wichita County, Leoti		George R. Ballard.
Williamsburg	M. H. Harper, A. B.	Anna McLindon.
Wilson	M. C. Martin.	E. M. Sutton, A. B.
Winchester	B. R. Porterfield, A. B.	Florence Fuqua, A. B.
Winfield	J. W. Gowans, A. B.	M. O. Prunty, A. B.
Winona		Robert F. Ward, A. B.
Yates Center	A. D. Catlin, A. M.	Edna Carpenter.

DEPARTMENT CLUBS.

THE MATHEMATICS CLUB is an organization for those students whose major subject is mathematics, and who are especially interested in the current literature regarding the history and the teaching of mathematics. Its membership is restricted to those having full collegiate standing. The meetings are held the fourth Wednesday evening of each month.

DER DEUTSCHE VEREIN is an organization open to all students in the department of German except beginners. It meets on the first and third Wednesday evenings of each month of the regular school year. Its chief objects are the discussion of valuable books and periodicals, the observation of important German holidays and anniversaries, additional practice in speaking German, and the enjoyment of pleasant social hours.

THE EUROPEAN HISTORY CLUB is organized for those students who are interested particularly in the department of European history. Its aim is to draw the students through this special interest into closer social and intellectual union. The study of some historical theme is pursued throughout the year, the students themselves taking a large part in the presentation and discussion of the subject. The club meets on the first and third Wednesdays of each month.

THE PHYSICS CLUB AND SEMINAR meets every other Wednesday at 7:30 p. m. From an enrollment of a dozen at its initiation it has grown until the regular attendance ranges from forty to fifty members. The ideals of the club are to arouse greater interest in physics, to promote coöperation and mutual assistance to those who are working in this department, and to encourage deeper study of many of the most common and interesting phenomena and principles. It is a real, live, throbbing organization in the School.

THE LATIN CLUB is conducted for the benefit of students enrolled in the Latin department and others who may be interested in the study or teaching of Latin. It meets bimonthly. The programs consist of papers, reports, dialogues, scenes from standard Latin authors, and short plays given by the students. Frequent addresses and lantern talks are given by the instructors and other members of the Faculty.

THE NATURAL HISTORY CLUB was organized to meet the needs of those College students of agriculture, botany, geology and zoölogy, and of those members of the Faculty who need a clearing-house for facts in natural history and suggestions for additional personal observations. The club meets on the first and third Thursdays of each month at four o'clock.

STORY-TELLING CLUB. Two years ago the primary and kindergarten girls, feeling a need of practical work in story-telling and dramatization, organized a club for this purpose known as the Story-Telling Club. They meet every two weeks and tell stories suggested by the seasons. The programs are occasionally made more enjoyable by the use of music and children's games, while now and then an entire social evening is given.

STUDENT SOCIETIES AND CLUBS.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION has a secretary whose full time is devoted to the service of the men of the Normal. A handbook containing matters of interest and information on all school activities is printed every year, and will be mailed on request to any one who desires it. The information bureau, the coöperative employment plan, the socials, and addresses on things of vital interest to every man, make the Y. M. C. A. a valuable asset to student life. Questions regarding room, board, self help, etc., will be answered as far as possible, and some member of the association will meet any prospective student who will inform the secretary when he expects to arrive in Emporia. Address correspondence to the Secretary of the Normal Y. M. C. A., Emporia, Kan.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION is an organization of the young women of the School. It is one of 660 such organizations for women students in the United States. Its purpose is not only to train young women while in school in methods of service by helping one another, but by this to fit them for greater usefulness when they leave school. The work is carried on by committees under the direction of a cabinet chosen from the membership, and the general secretary, who is employed for full time. Some of the important features of the work are the rest room; employment bureau, through which many girls obtain employment; work for new students, which means meeting them at the trains and helping them to become acquainted through social occasions and calls; Bible study and mission study, vesper services, and calling on sick girls. Miss Frances Spencer, the general secretary, will be very glad to answer any correspondence in regard to work, plans, or anything that will be helpful to a new student.

THE ORATORICAL ASSOCIATION is composed of students interested in oratory. A State Oratorical League, comprising the three Normal Schools of the state, has been formed during the past year, and the contest of the local association determines the representation of the School in this state league.

THE DEBATE COUNCIL is composed of the debaters of the School, together with five Faculty members appointed by the President of the School. The head of the Public Speaking Department is chairman. During the past year four debates were held: a dual debate with the Northwestern Normal School of Oklahoma, also one with the Missouri Normal School of Warrensburg, and a debate with the College of Emporia.

THE SIGMAS, a girls' debating society. While not neglecting entirely the entertainment phase of an association, this society has for its earnest aim, skill and readiness in debate and public speech. It meets regularly once a week, with occasional try-outs with some one of the men's debating clubs. Membership honors come by way of a nominating committee chosen from the members of the society.

THE ALPHA RHO TAU SOCIETY was organized by advanced students in the Art Department. The society meets Saturday mornings for sketching or other art work, and one Saturday of each month is devoted to a social meeting. The art teachers are sponsors for the society.

IONIAN SOCIETY, a group of thirty wide-awake college girls interested in social and literary pursuits. Membership is obtained by election and invitation from the society. Composers, musicians, grand opera and concert performers have had their share in the year's programs.

JAYHAWKER DEBATING CLUB. This organization is composed of about twenty-five young men of the College, who meet weekly, on Saturday morning, for the discussion and formal debate of live current topics. At times active parliamentary practice is engaged in, under the criticism of a Faculty member. A good opportunity is thus afforded young men to secure training for public service.

K CLUB. This club is composed of the men who have won the "K" in athletics. Its purpose is to better the athletic interests of the School and to attract men to the Normal in a legitimate way.

THE OMEGA SOCIETY is the oldest girls' society in the School. It was organized by a group of girls desiring special training in literary research and debate. During the eleven years since its organization the society has stood for the best of all school activities, and has swerved from its original purpose only in so far as debate is no longer emphasized. Aside from the literary and educational value of the society, many of the social activities of the School center here. During the school year of 1912-'13 the time has been almost equally divided between literary programs and social events.

THE CATHOLIC CLUB is an organization of the Catholic students of the School, formed for purely social purposes. With the reorganization the purpose was extended to include also the study of some subject of especial interest to the members. The subject chosen for the current year is the history of church development. The officers are a president and secretary, and membership is open to any student in school who may wish to join the club.

THE REPRESENTATIVE LITERARY SOCIETY is one of the strong men's societies of the School. It meets weekly for practice in all forms of platform work and parliamentary drill. It is under the censorship of a member of the Faculty, who advises and suggests work for the different members.

THE DELPHIAN LITERARY SOCIETY, although the newest men's society in the School, boasts of the largest membership. The work of the weekly meetings is that done by the usual literary society—debates, orations, readings, and musical numbers. A member of the Faculty acts as critic.

KANSAS NEWSPAPERS.

The following Kansas newspapers are received regularly by the library of Kansas State Normal School. The list is revised to March 9, 1915:

Abilene, Weekly Reflector.
Admire, Northern Star.
Alden, Journal.
Allen, Journal.
Alma, Enterprise.
Alma, Signal.
Alta Vista, Journal.
Altoona, Tribune.
Americus, Greeting.
Arcadia, Sunlight.
Arkansas City, Daily News.
Ashland, Clipper.

Atchison, Daily Globe.
Atlanta, Journal.
Axtell, Standard.
Baldwin City, Baker Orange.
Barnes, Chief.
Baxter Springs, News.
Belleville, Telescope.
Beloit, Gazette.
Belpre, Argosy.
Belpre, Bulletin.
Bison, Bee.
Blue Rapids, Times.

Bonner Springs, Chieftain.
 Bucklin, Banner.
 Bunker Hill, Advertiser.
 Burlingame, Enterprise.
 Burlingame, Osage County Chronicle.
 Burlington, Independent.
 Burlington, Republican.
 Burns, Citizen.
 Burr Oak, Herald.
 Caldwell, Advance.
 Caldwell, News.
 Caney, News.
 Carbondale, Post.
 Cawker City, Ledger.
 Cawker City, Public Record.
 Cedar Point, Cottonwood Valley News.
 Cedar Vale, County Liner.
 Chanute, Daily Tribune.
 Cheney, Sentinel.
 Chetopa, Advance.
 Cimarron, Jacksonian.
 Clay Center, Dispatch.
 Clay Center, Dispatch-Republican.
 Clay Center, Times.
 Clyde, Republican.
 Colby, Free Press.
 Colby, Tribune.
 Coldwater, Talisman.
 Colony, Free Press.
 Columbus, Daily Advocate.
 Columbus, Modern Light.
 Concordia, Daily Blade.
 Concordia, Kansan.
 Conway Springs, Star.
 Cottonwood Falls, Chase County Leader.
 Council Grove, Guard.
 Council Grove, Republican.
 Courtland, Comet.
 Courtland, Register.
 Cullison, Times.
 Delphos, Republican.
 Dexter, Dispatch.
 Dexter, News.
 Dighton, Journal-Herald.
 Dighton, News.
 Dodge City, Globe.
 Dodge City, Kansas Journal.
 Downs, News.
 Downs, Times.
 Dunlap, Rustler.
 El Dorado, Republican.
 El Dorado, Walnut Valley Times.
 Elk City, Sun.
 Ellsworth, Reporter.
 Emporia, Times.
 Enterprise, Push.
 Erie, Daily Sentinel.
 Erie, Record.
 Esbon, Times.
 Eskridge, Tribune-Star.
 Eureka, Democratic Messenger.
 Eureka, Herald.
 Fairview, Enterprise.
 Florence, Bulletin.
 Ford, Promoter.
 Fort Scott, Daily Republican.
 Fort Scott, Weekly Republican.
 Fredonia, Weekly Herald.
 Fredonia, Wilson County Citizen.
 Galena, Weekly Republican.
 Garden City, Herald.
 Garden City, Telegram.
 Garden Plain, News.
 Gardner, Gazette.
 Garnett, Evening Review.
 Gas, Tri-City Herald.
 Girard, Appeal to Reason.
 Girard, Press.
 Glasco, Sun.
 Goff, Advance.
 Goodland, Republic.
 Goodland, Sherman County Record.
 Great Bend, Tribune.
 Greenleaf, Sentinel.
 Greensburg, Kiowa County Signal.
 Greensburg, Progressive.
 Grenola, Leader.
 Gridley, Light.
 Hamilton, Grit.
 Hamlin, Reporter.
 Hanover, Democrat.
 Hanover, Herald.
 Harper, Advocate.
 Hartford, Neosho Valley Times.
 Havensville, Review.
 Hays, Ellis County News.
 Hays, Free Press.
 Herington, Sun.
 Herington, Times.
 Hiawatha, Brown County World.
 Hiawatha, Kansas Democrat.
 Hill City, Republican.
 Hill City, Reveille-New Era.
 Hillsboro, Vorwärts.
 Holton, Recorder.
 Holton, Signal.
 Holyrood, Banner.
 Horton, Headlight-Commercial.
 Howard, Courant.
 Howard, Elk County Citizen.
 Hugoton, Hermes.
 Humboldt, Union.
 Hutchinson, Daily Gazette.
 Hutchinson, News.
 Independence, South Kansas Tribune.
 Inman, Review.
 Iola, Allen County Journal.
 Iola, Daily Register.
 Jamestown, Kansas Optimist.
 Jennings, Echo.
 Jetmore, Republican.
 Junction City, Republic.
 Junction City, Sentinel.
 Junction City, Union.
 Kansas City (Kan.), Press.
 Kansas City (Kan.), Republic.
 Kansas City (Mo.), Daily Drivers Telegram.
 Kincaid, Dispatch.
 Kingman, Journal.
 Kingman, Leader-Courier.
 Kinsley, Graphic.
 Kiowa, News-Review.
 La Crosse, Republican.
 La Cygne, Weekly Journal.
 La Cygne, Weekly Record.
 Langdon, Leader.
 Lansing, News.
 Larned, Chronoscope.
 Larned, Tiller and Toiler.
 Lawrence, Daily Journal-World.
 Lawrence, Democrat.
 Lawrence, University Daily Kansan.
 Leavenworth, Post.
 Leavenworth, Times.
 Lebanon, Times.
 Lebo, Star.
 Lecompton, Sun.
 Liberal, News.
 Lincoln, Republican.
 Lincoln, Sentinel.
 Lindsborg, News.
 Linn, Digest.
 Longton, Gleaner.
 Lucas, Independent.
 Luray, Herald.
 Lyons, Central Kansas News Democrat.
 Lyons, Republican.
 McCune, Herald.
 McPherson, Democrat-Opinion.
 McPherson, Weekly Republican.
 Manhattan, Nationalist.
 Mankato, Jewell County Monitor.
 Marion, Record.
 Marquette, Tribune.

- Marysville, Advocate - Democrat.
 Marysville, Marshall County News.
 Meade, County News.
 Meade, Globe.
 Medicine Lodge, Barber County Index.
 Medicine Lodge, Cresset.
 Melvern, Review.
 Meriden, Ledger.
 Minneapolis, Better Way.
 Minneapolis, Messenger.
 Moline, Advance.
 Morganville, Tribune.
 Mound City, Linn County Democrat.
 Mound City, Linn County Republic.
 Mulvane, News.
 Muskogee (Okla.), Daily Phoenix.
 Narka, News.
 Neodesha, Daily Sun.
 Neodesha, Register.
 Neosho Falls, Post.
 Ness City, Ness County News.
 Newton, Evening Kansas-Republican.
 Newton, Herald.
 Newton, Journal.
 Norton, Champion.
 Norton, Norton County News.
 Norton, Courier.
 Norton, Daily Telegram.
 Oakley, Graphic.
 Olathe, Kansas Star.
 Olathe, Mirror.
 Olathe, Register.
 Olpe, Optimist.
 Onaga, Herald.
 Osage City, Free Press.
 Osborne, County Farmer.
 Oskaloosa, Independent.
 Oswego, Democrat.
 Oswego, Independent.
 Otis, Reporter.
 Ottawa, Guardian.
 Ottawa, Weekly Herald.
 Overbrook, Citizen.
 Palmer, Index.
 Paola, Miami Republican.
 Paola, Western Spirit.
 Parker, Message.
 Parsons, Daily Sun.
 Pawnee (Okla.), Times-Democrat.
 Peabody, Gazette.
 Peabody, Herald.
 Peru, Sun.
 Pittsburg, Kansan.
 Pleasanton, Herald.
 Pleasanton, Observer-Enterprise.
 Pratt, Republican.
 Pratt, Union.
 Quinter, Gove County Advocate.
 Randall, News.
 Randolph, Enterprise.
 Reading, Herald.
 Redfield, Ledger.
 Republic City, News.
 Riley, Regent.
 Robinson, Index.
 Rush Center, Breeze.
 Russell, Record.
 Russell, Reformer.
 Sabetha, Star.
 St. George, News.
 St. John, Weekly News.
 St. Paul, A. H. T. A. Weekly News.
 Salina, Farmers' Union.
 Salina, Semi-weekly Journal.
 Sedgwick, Pantagraph.
 Seneca, Tribune.
 Severy, Severyite.
 Simpson, News.
 Spearville, News.
 Spring Hill, New Era.
 Stafford, Courier.
 Sterling, Bulletin.
 Stockton, Review.
 Stockton, Rooks County Record.
 Strong, News-Courant.
 Sublette, Haskell County Clipper.
 Summerfield, Sun.
 Sylvia, Sun.
 Syracuse, Journal.
 Topeka (North), Shawnee Chief.
 Topeka, Weekly X-Rays Democrat.
 Tribune, Greeley County Republican.
 Troy, Weekly Kansas Chief.
 Turon, Weekly Press.
 Udall, Cowley County Herald.
 Valley Center, Index.
 Valley Falls, Farmers' Vindicator.
 Vermilion Times.
 Wa Keeney, Trego County Reporter.
 Walnut, Advance.
 Washington, Republican-Register.
 Waterville, Telegraph.
 Wathena, Republican.
 Wathena, Times.
 Weir, City Journal.
 Wellington, Journal.
 Wellington, People's Voice.
 Wellsville, Globe.
 West Mineral, Mineral Cities Times.
 Westmoreland, Recorder.
 Westmoreland, Signal.
 Westphalia, Times.
 Wetmore, Spectator.
 White Cloud, Globe.
 Wichita, Beacon.
 Wichita, Daily Eagle.
 Wilson, World.
 Winona, Logan County News.
 Yates Center, News.
 Yates Center, Woodson County Journal.
 Total, 308.

THE COLLEGE.

ADMISSION.

Persons who are graduates of accredited high schools or other preparatory schools of equivalent standing are admitted to the Freshman year of college work without examination. A transcript of record of work done should be sent in advance of the time the student wishes to enter. Blanks for this purpose may be secured by writing the Registrar. The transcript should show the number of recitations and laboratory periods per week, the number of weeks in the school year, the length of the recitation periods, and the final grade for each course. Write the Registrar for blanks for this purpose. *Do not bring monthly or yearly report cards or diplomas.* All transcripts should be certified and sent in advance of the time of registration.

Persons who have done college work for which they wish credit should send to the Registrar claims for credit in advance of the time of registration. Transcripts of work done should show the names of the courses, the number and length of the recitation and laboratory periods per week, the number of weeks given the course, and the final grade for each course.

REGISTRATION.

Registration days are indicated in the School Calendar, printed on an earlier page of this catalogue. A fee of one dollar is charged for late registration, unless satisfactory reason is given for the delay. Students should register on these days and enter upon the work of their classes the opening day. Those wishing to visit classes will register and pay the usual fees.

NUMBER OF HOURS OF WORK.

Students are not permitted, without permission of the Committee on Extra Hours, to register for work giving less than eight hours of credit or for work giving more than seventeen hours of credit, including one hour of physical training, in one semester. Application blanks for extra hours may be had of the Registrar. They should be filed with the committee in advance of the registration days indicated in the calendar.

COLLEGE CREDIT.

College credits are estimated in hours. A semester hour of credit is earned by the student who carries a course through one semester (eighteen weeks), the recitation period being one hour, with a preparation period approximately double the time spent in recitation. Likewise, an hour of credit is earned by the student who carries a course a half semester (nine weeks), the class meeting twice a week, the recitation period being one hour, with a preparation period approximately double the time spent in recitation. Laboratory courses or courses with little or no preparation carry half the credit of other courses.

MAJOR AND MINOR.

A major of not to exceed twenty-five hours in one department and a minor of fifteen hours in an allied department is required for the degree of bachelor of science in education. Required courses may be regarded as part of a major or minor.

OLD COURSES.

The following statement of equivalents is made for the benefit of graduates of courses formerly given. Those who wish to continue their work will find here their standing in terms of semester hours of credit. The requirements for the several certificates now given, as well as for the degree of bachelor of science in education, are indicated in their respective places. The work of these courses is taken at full value in meeting present requirements.

The courses formerly given have, in addition to sufficient work for college entrance, credit value as follows:

Elementary course, 32 hours.

English course, 64 hours.

English-German course, 64 hours.

Latin course, 64 hours.

EXTRA HOURS AND ADVANCED CREDIT.

I. Sixteen hours, and one hour of physical training practice, shall be the maximum of work allowed a student in any semester. The only exceptions to this rule are as follows:

1. Where one or more of the subjects may be considered a review study.

2. Where the student has shown by his past record in the Normal that he is physically and mentally capable of doing extraordinary work.

3. Where in rare instances exceptional conditions, or records made in some other institution, warrant extra favors.

II. Fifteen units of credit obtained in a standard high school or institution of similar grade are necessary for admission to the College.

III. Extra units of credit obtained within the regular four years of high-school work do not establish a valid claim for advanced credit. If, however, the student has seventeen or more units from a high school of superior grade, or has taken postgraduate work, he is at liberty to apply to the Committee on Advanced Credit for advanced credit, which may be granted under the following conditions:

1. That it must be in some line of work where actual attainment can be easily tested (preferably in ancient or modern language or mathematics, or some other field where teaching traditions and materials are standardized).

2. The student must show good high-school grades in the subject for which he expects advanced credit.

3. The student must apply for this credit during his first semester of residence.

4. No credit shall be granted until the student's first semester of Normal College grades shall have been inspected and his record in the College work found satisfactory.

5. No credit shall be given except by the Committee on Advanced Credit, and on recommendation by the department in which credit is asked, this recommendation to be based upon examination or advanced work in the department.

6. The amount of College credit allowed on any work done within the regular years in a preparatory school shall be limited to ten hours. For any time spent above four years, additional credit may be allowed.

IV. Credits obtained in another standard college or normal school shall be given full recognition when found to have been obtained under regulations involving as high standards as those of this institution. No more than seventeen hours credit, however, can be obtained for the work of any one semester in another institution, except in rare instances where conditions were so favorable that the student might unquestionably have secured the extra hours privilege in this institution.

V. No credit shall be allowed for irregular educational work, like teaching in institutes, or for high grades on certificates, nor shall successful educational experience constitute a presumptive claim for advanced standing. Recognition of long and meritorious service, which can be shown to have been really educational, however, may be made by the Committee on Advanced Credit, based upon departmental examination wherever possible.

Certificates and Diplomas.

REGULAR CERTIFICATES AND DIPLOMAS.

ONE-YEAR STATE CERTIFICATE.

A One-year State Certificate is granted to students who have been in residence one semester, who have to their credit sixteen units of high-school work as outlined below, and who apply for the certificate. Students who are graduates of accredited high schools, upon entrance will take work in College courses in which specific requirements have not been met.

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.

Oral English, 1 unit.

Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, $1\frac{1}{2}$ units.

Geometry, $1\frac{1}{2}$ units.

Arithmetic, 1 unit.

Bookkeeping, $\frac{1}{2}$ unit.

Required: Two and one-half units, one-half unit being arithmetic or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted :

Botany, 1 unit.
 Physics, 1 unit.
 Agriculture, $1\frac{1}{2}$ units.
 Geography, $1\frac{1}{2}$ units.
 Physiology, $\frac{1}{2}$ unit.

Required: Three units, one-half unit being geography and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted :

American history, $1\frac{1}{2}$ units.
 European history, 2 units.
 Civics, $\frac{1}{2}$ unit.

Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted :

Methods and management, $\frac{1}{2}$ unit.
 Psychology, $\frac{1}{2}$ unit.

Required: One unit.

GROUP 6.—ARTS.

May be submitted :

Drawing, 2 units.
 Music, $1\frac{1}{2}$ units.
 Physical training, $\frac{1}{2}$ unit.
 Manual training, 2 units.
 Domestic science or domestic art, 2 units.
 Penmanship, 1 unit.

Required: One unit.

ELECTIVE.

Required: Four units.

The One-year State Certificate may be granted to graduates of accredited high schools, who have been in residence one-half of a semester, or a summer term, and who have thirty-two semester hours of College credit which shall include not more than one hour of physical-training practice, three hours of General Methods and Observation and at least four additional hours of professional work.

THREE-YEAR STATE CERTIFICATE.

A Three-year State Certificate may be issued to students who are graduates of an accredited high school, who have been in residence one semester, and who have to their credit thirty-two hours of work, which may be completed in the Freshman year, as follows:

English, or Public Speaking and Expression, 3 hours.
 Psychology, 3 hours.
 General Methods and Observation, 3 hours.
 Physical Training, 1 hour.
 Advanced Arithmetic, 4 hours.
 Geography, 3 hours.
 American History or Government, 3 hours.
 Physiology, 3 hours.
 Music or Drawing, or Home Economics, or Manual Training, or Bookkeeping and Penmanship, 4 hours.

Provided, that if the above subjects (except English, General Methods and Observation, and physical training) have been represented in the units of high-school work they may be omitted from the foregoing requirements, but other College courses must be offered as electives for a like number of hours.

Elective, 5 hours.

LIFE CERTIFICATE.

The student who is a graduate of an accredited high school, or who has had equivalent training, who has been in residence at least one semester, and who has completed the two-year College course as outlined below, is given a diploma which is legally a life certificate to teach in the public schools of Kansas. Students who complete this work are entitled at once to the privileges incident to graduation. Those who complete their work in August are classed with those completing their work in June preceding. The class roll for June graduation is made up at the opening of the second semester; the class roll for August graduation, at the opening of the summer term.

Composition and Rhetoric, 3 hours.

English Literature, Fundamentals of Expression, Story-Telling or

Children's Literature, 3 hours.

Library Methods, 1 hour.

General Methods, Observation and School Administration, 5 hours.

General Psychology, 3 hours.

Practice Teaching, 4 hours.

Physical Training Practice, 1 hour per semester for the Freshman and Sophomore years.

Elective, 41 hours.

NOTE 1.—Students are urged to use for their electives some one of the groups leading to a certificate for special proficiency in some field of elementary school work.

NOTE 2.—Students completing the course leading to the Life Certificate, but who do not wish a certificate of special proficiency, are required to have credit for not less than eight hours in one department as a major. The department in which the Life Certificate major will be met must be selected not later than the opening of the Sophomore year.

DEGREE OF BACHELOR OF SCIENCE IN EDUCATION.

The degree of bachelor of science in education is conferred upon students who are graduates of accredited high schools, or who have had equivalent training, who have been in residence two semesters, or three summer terms, and who have completed, in addition to the required work in physical training, one hundred and twenty hours of work covering the four-year College course.

To obtain the degree of bachelor of science in education at least one-half semester, or a summer term of that period residence, must be within the school year in which the degree is granted, unless the first three years of work for the degree were taken in the Kansas State Normal. The diploma given is a life certificate to teach in the public schools of Kansas. The special requirements are as follows:

a. In addition to the work for Life Certificate the candidate for the degree will take the following courses:

Psychology, 3 hours.

Principles of Education, 3 hours.

One course for teachers in high-school subjects, 2 hours.

Elective, 53 hours.

b. The practice teaching requirement for the Life Certificate is waived for the degree.

c. A requirement of not to exceed twenty-five hours in one department as a major, and of fifteen hours in an allied department as a minor.

d. Students are required to file with the Registrar and their Adviser not later than the beginning of their Junior year, on blanks provided by the Registrar for that purpose, their choice of a major and a minor.

e. Students having made a choice of a major subject may change this only with the consent of the President.

SPECIAL CERTIFICATES AND DIPLOMAS.

CERTIFICATES FOR SPECIAL PROFICIENCY.

Students who intend to obtain the Life Certificate before completing the four-year College course are expected to choose one of the following groups in order to secure a Certificate for Special Proficiency in some field of elementary school work. (Students specializing in some department such as music are excepted.) The following Certificates for Special Proficiency are issued:

1. Kindergarten Teaching.
2. Primary Teaching.
3. Intermediate and Grammar-grade Teaching.
4. Junior High School, or Departmental Teaching.
5. Rural School Teaching.
6. Physical Training.

The groups of required and elective courses which must be taken to secure each of these Certificates for Special Proficiency are given below. These groups will satisfy the requirements of a major of 25 hours, and a minor of 15 hours, in case the student decides later to complete the course leading to a degree of B. S. in Education.

KINDERGARTEN TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major group, of 25 hours as follows:

Kindergarten Technics	3 hours.
Handwork	3 hours.
Kindergarten Theory	3 hours.
Primary Methods	4 hours.
Kindergarten Teaching	8 hours.
Kindergarten Program	2 hours.
Kindergarten and Primary Music Methods	2 hours.

Elective, a minor group of 15 hours selected with the approval of the student's Adviser from the following:

Plays and Games	2 hours.
Drawing:	
Free-hand	} 2-6 hours.
Blackboard Illustration.....	
Elementary Water Color, Light and Shade	
Clay Modeling	
Art Appreciation	
Children's Literature	3 hours.
Child Psychology	2 hours.
Story Telling	3 hours.
School Hygiene	2 hours.
Primary Teaching	2-4 hours.
Fundamentals of Expression	3 hours.

Music:

Sight Singing	} 2-6 hours.
Advanced Music Methods	
Piano	
Music Appreciation	

Science and Nature Study:

Field Zoölogy	} 2-8 hours.
Plant Life	
Chemistry of Every-day Life	
Physics of Common Things	

History	3 hours.
English Literature	2-4 hours.
Ethics	3 hours.
Sociology	3 hours.
Home Economics	4 hours.

PRIMARY TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major group of 25 hours as follows:

Primary Methods	4 hours.
Child Psychology	2 hours.
Drawing:	
Blackboard Illustration	2 hours.
Handwork	2 hours.
Music:	
Sight Singing	2 hours.
Kindergarten and Primary Music Methods	2 hours.
Nature Study:	
Animal Life or Field Zoölogy.....	2 hours.
Plant Life	2 hours.
Hygiene and Sanitation	3 hours.
History for the Grades.....	2 hours.
Arithmetic Teaching	2 hours.

Elective, a minor group of 15 hours selected with the approval of the student's Adviser from the following:

Primary Teaching	2 hours.
Kindergarten Courses	9 hours.
Kindergarten Teaching	8 hours.
Story Telling	3 hours.
Plays and Games.....	2 hours.
Fundamentals of Expression.....	3 hours.
Drawing:	
Free-hand	} 2-6 hours.
Elementary Water Color, and Light and Shade	
Clay Modeling	
Art Appreciation	
Music:	
Advanced Music Methods.....	} 2-6 hours.
Piano	
Music Appreciation	
Children's Literature.....	3 hours.
American or English History.....	3 hours.
Physics of Common Things.....	2 hours.
English:	
Shakespeare's Comedies.....	} 2-4 hours.
Tennyson's Idylls of the King	
Ethics	3 hours.
Sociology	3 hours.
Geography.	2 hours.
Home Economics (Art or Science).....	4 hours.

INTERMEDIATE AND GRAMMAR-GRADE TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major group of 25 hours as follows:

Special Methods Courses from the following:	
Arithmetic for the grades, 2 hours	8 hours.
English for the grades, 2 hours	
History for the grades, 2 hours	
Geography for the grades, 2 hours	
Hygiene for the grades, 2 hours	
Science for the grades, 2 hours	
Manual Training or Home Economics	4 hours.
Music	4 hours.
Drawing	4 hours.
Child Psychology	2 hours.
From the following:	
Educational Sociology, 3 hours	3 hours.
Plays and Playground Games, 2 hours ..	
First Aid to the Injured, 1 hour	
Agricultural Biology, 2 hours	
School Gardening, 1 hour	

Elective, a minor group of 15 hours selected with the approval of the student's Adviser from one of the following groups:

Group I:

Agronomy	4 hours.
School Gardening	1 hour.
Agricultural Biology	2 hours.
Economic Biology	4 hours.
Geology of Kansas	2 hours.
Nature Study	2 hours.
Agricultural Bacteriology	3 hours.
Hygiene and Sanitation	3 hours.
First Aid to the Injured	1 hour.
Advanced Physiography	3 hours.
Economic and Industrial Geography	3 hours.
Chemistry of Every-day Life	3 hours.
Farm Physics	4 hours.
Physics of Common Things	2 hours.

Group II:

Fundamentals of Expression.....	3 hours.
American Literature	3 hours.
Children's Literature	3 hours.
The Short Story	2 hours.
American History	3 hours.
European History	3 hours.
Industrial and Social History of England..	2 hours.
General Economics	3 hours.
General Sociology	3 hours.

Group III:

History of Modern Education.....	3 hours.
Primary Methods	4 hours.
Handwork	3 hours.
Plays and Games	2 hours.
Educational Psychology	3 hours.
Psychology of Adolescence	3 hours.
Social Psychology	2 hours.
Ethics	2 hours.
Methods in Penmanship	2 hours.
Methods in Physical Training.....	2 hours.
Rural Life Problems.....	3 hours.
School Administration	2 hours.
Advanced Practice Teaching and Supervision	2 hours.
Advanced Arithmetic.....	4 hours.

JUNIOR HIGH SCHOOL OR DEPARTMENTAL TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major group of 25 hours as follows:

Special Methods Courses from the following:	
Arithmetic for the grades, 2 hours	8 hours.
English for the grades, 2 hours	
History for the grades, 2 hours	
Geography for the grades, 2 hours	
Hygiene for the grades, 2 hours	
Science for the grades, 2 hours	2 hours.
Child Psychology	
Educational Sociology	
Plays and Playground Games	
First Aid to the Injured	
From any one of the three groups listed as the minor for the Intermediate and Grammar grade Teaching	9 hours.

Elective, a minor group of 15 hours selected with the approval of the student's Adviser, from any one of the following departments in the College, or from two allied departments:

Latin	15 hours.
German or French or Spanish	15 hours.
English	15 hours.
Mathematics	15 hours.
History and Civics	15 hours.
Geography	15 hours.

RURAL SCHOOL TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major group of 25 hours as follows:

Special Methods Courses from the following:	
Arithmetic for the grades, 2 hours	6 hours.
History for the grades, 2 hours	
English for the grades, 2 hours	
Geography for the grades, 2 hours	
Science for the grades, 2 hours	2 hours.
Playground Supervision and Instruction	
Rural-life Problems	
Drawing and Handwork	
Primary Methods	4 hours.
Child Psychology	2 hours.
Agriculture	4 hours.
Farm Accounting	2 hours.

Elective, a minor group of 15 hours selected with the approval of the student's Adviser from the following group:

Arithmetic	4 hours.
Physics of Common Things	4 hours.
Nature Study	4 hours.
Manual Training or Home Economics	4 hours.
Bacteriology	4 hours.
Rural-school Music	3 hours.
Hygiene and Sanitation	3 hours.
Rural Economics	3 hours.
Chemistry of Every-day Life	3 hours.
County Supervision	2 hours.
Needed School Legislation	2 hours.
First Aid to the Injured	1 hour.
History, American or European	3 hours.
Story Telling	3 hours.
Public Speaking	2 hours.
Economic and Industrial Geography	3 hours.

PHYSICAL TRAINING.

In addition to the requirements for the Life Certificate.

Required, a major group as follows:

Physiology.	3 hours.
Plays and Games.	2 hours.
History of Physical Education.	2 hours.
Child Psychology	2 hours.
Playground Supervision and Instruction ...	3 hours.
Fundamentals of Expression (Women).....	3 hours.
Psychology of Adolescence (Men).....	3 hours.
First Aid to the Injured	1 hour.
Physical Training Practice.....	4 hours.
Practice Teaching in Physical Training.....	2 hours.
Methods in Physical Training (Women).....	2 hours.
General Technique (Men).....	2 hours.

Elective, a Minor of 15 hours selected from the following courses, with the approval of the student's Adviser:

Anatomy	5 hours.
Histology	2 hours.
Massage and Remedial Gymnastics.....	3 hours.
Physiology of Exercise.....	2 hours.
Anthropometry	1 hour.
Applied Anatomy	2 hours.
Physical Diagnosis	2 hours.
Psychology of Adolescence.....	3 hours.
Primary Handwork or Basketry.....	2 hours.
Courses in Public School Music.....	6 hours.
Courses from the Department of Public Speaking and Expression.....	6 hours.
General Sociology	3 hours.
General Economics	3 hours.

LIBRARY SCIENCE CERTIFICATE.

The course in Library Science is a one-year College course, and is open to graduates of accredited high schools. In addition to the courses outlined, a course in elementary typewriting is required.

Library Methods	1 hour.
Reference	3 hours.
Bibliography	3 hours.
Public Documents	2 hours.
Children's Literature	3 hours.
Story Telling	3 hours.
Bookmaking	2 hours.
Library History	2 hours.
Library Economy	2 hours.
Classification of Books	3 hours.
Cataloguing	4 hours.
Organization and Administration.....	2 hours.

MANUAL TRAINING CERTIFICATE.

The Manual Training Certificate issued by the Kansas State Board of Education is granted to holders of any valid teacher's certificate who have completed the following courses:

Mechanical Drawing	4 hours.
Farm Carpentry	3 hours.
Shop Problems	2 hours.
Woodworking	4 hours.
Joinery and Cabinetmaking.....	4 hours.
Woodturning	4 hours.
Theory and Practice.....	2 hours.

MUSIC CERTIFICATE.

A certificate in piano, voice, or violin, is granted by the Department of Music to students who, in addition to the work of the intermediate grade, complete the requirements of the certificate grade as listed under courses in applied music, and attain in their major subjects a degree of proficiency satisfactory to the examining board of music (consisting of the Dean of the Department and two instructors). The student must also have credit in the following subjects:

Harmony	5 hours.
History of Music	5 hours.
Musical Analysis or Music Appreciation..	} 2 hours.
Sight Reading	
Ensemble Playing, or	
Ensemble Singing	} 2 hours.
Normal Piano Methods, required of Piano students.	

MUSIC DIPLOMA.

A diploma of graduation in piano, voice, or violin, is issued by the Department of Music to those students who, in addition to the work of the certificate year, complete the requirements of the diploma as listed under applied music courses, with the required degree of proficiency, together with counterpoint and composition, five hours ensemble playing or singing as assigned and individual recital.

TEACHERS' CERTIFICATE IN PUBLIC SCHOOL MUSIC.

High-school graduates who complete thirty-two hours of work in the Department of Music, twenty hours of which shall be sight singing, ear training, methods and related subjects, will be granted a certificate stating their ability to teach music in the schools. This certificate will be of service in those cities where no state certificate is required for the teaching of music.

SUPERVISOR'S CERTIFICATE IN PUBLIC SCHOOL MUSIC.

Students who have met the requirements for the three-year State Certificate will be granted the Public-school Music Certificate who attain satisfactory proficiency in teaching, and who have completed twenty-eight hours of sight singing, methods, chorus drill, voice, practice teaching, appreciation, conducting and ensemble.

MUSIC SUPERVISOR'S DIPLOMA.

Holders of the Supervisor's Public-school Music Certificate will be granted a Supervisor's Diploma upon the completion of an additional year of work, which shall include five hours of psychology and English, twenty-seven hours of voice, piano and class work, including advanced sight-singing, ear-training and harmony, history of music and melody writing, high-school methods, orchestra, and supervision.

COLLEGE COURSES.

For purposes of classification of college courses the four years' work is divided into Junior College and Senior College. The work of the Freshman and Sophomore years makes up the Junior College; that of the Junior and Senior years, the Senior College. Although this classification is not rigid it is recommended that students will, in order to avoid irregularity, take courses in the order in which they are given; that is, a student of Junior College rank will take Junior College courses; students of Senior College rank will take Senior College courses.

No Junior College course will be offered unless registered for by twelve students; no Senior College course, unless registered for by seven students.

Agriculture.

Professor PHIPPS.

A major in this department is made up of all of the courses offered together with courses selected from the work of other departments with the approval of the head of the Department of Agriculture. A minor of fifteen hours should be selected from Biological Sciences, Physical Sciences, Commerce, or Manual Training.

1.—AGRONOMY. *Four hours credit.*

Summer Term, and each Semester.

May be taken the second half of the second semester for two hours credit. Junior College. No prerequisite. The course includes a study of the development and improvement of the hay and grain crops; legumes, and their relation to soil renovation; injurious weeds and insects, and methods of improving crop yields. May be taken for the work in agriculture for the Special Proficiency Certificate in Rural-school Teaching. Deposit, 50 cents.

2.—ANIMAL HUSBANDRY. *Four hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. This course includes a study of types and breeds of farm animals, dairying, poultry, etc. Trips are made to the various barns in the vicinity for purposes of judging and seeing animals.

3.—FARM MANAGEMENT. *Four hours credit.*

Summer Term, and each Semester.

May be taken the second half of the second semester for two hours credit. Junior College. Prerequisites, Agronomy, and Animal Husbandry. This course is offered to those who wish to major in agriculture, or who wish to prepare to teach high-school agriculture. It includes seed testing; plant breeding; farm buildings and equipment; concrete construction; rotation and management. A practical course for one who expects to teach agriculture in an advanced high school. Deposit, 50 cents.

4.—HORTICULTURE AND FORESTRY. *Four hours credit.*

Second Semester.

Junior College. No prerequisite. This course covers a new phase of agricultural education in Kansas, viz.: fruit growing; market gardening and trucking; marketing of produce; care of orchards and small-fruit farms; sprays and spraying; and practical forestry in Kansas. Students in this course will be furnished vacant lots, plants, seeds, spraying outfits and garden tools. Each student may choose his own phase of gardening, provided it be consented to by the head of the department. Part of the class time will be used in caring for the lot and the plants. The produce will be marketed coöperatively and the net profit returned to the student. The grade in the course will be given largely upon the merits of the work done and the results shown. Students may enroll for instruction in the course either semester, but all gardening must be done during the second semester.

5.—SCHOOL GARDENING. *One hour credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. The course includes the improvement of lawn and school grounds; selection and care of trees and shrubs; and management of school gardens. Valuable for each rural-school teacher.

Biology and Geology.

Professor WOOSTER.

THE SCIENCE OF ORGANISMS—ZOÖLOGY.

A maximum of twenty-five hours constitutes a major in this department. A minor of fifteen hours should be selected from one of the following departments: Agriculture, Home Economics, Physiology and Hygiene, Physical Sciences, and Economics and Sociology.

1.—ANIMAL ECOLOGY. *Four hours credit.*

Each Semester.

Junior College. No prerequisite. Classes meet in laboratory and recitation daily. This course includes the work given formerly as field zoölogy and animal life, and gives work on birds and insects and an elementary study of animal development and ecology. It is especially intended for those who have not had zoölogy in the high school.

2.—ECONOMIC BIOLOGY. *Four hours credit.*

Each Semester.

Junior College. No prerequisite. Classes meet in laboratory and recitation daily. This course includes the work given formerly as agricultural biology and systematic zoölogy, and embraces a study of the structure and functions of representatives and of their relationship to the farmer and to his soil and crops. This course also gives a study of the embryology, development and evolution of plants and animals.

3.—FIELD ZOÖLOGY. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. Classes meet in laboratory and recitation daily. This course is intended for those who have not taken an equivalent course in zoölogy in the high school, and desire to gain a knowledge of insects and birds for use in nature study, agriculture and other natural history work.

4.—AGRICULTURAL BIOLOGY. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. Classes meet in laboratory work and recitation daily. This course treats of the care, kinds, feeding, good and bad qualities, and disposal of animals found on the farm; and of the soils, crops, fertilizers and diseases associated with farming. The attempt is made to present agriculture as a science rather than as an art.

ENVIRONMENTAL SCIENCE—GEOLOGY.

5.—GEOLOGY OF THE UNITED STATES. *Four hours credit.*

Each Semester.

Junior or Senior College. No prerequisite, but some knowledge of zoology is desirable as a preparation for the second half of this subject. Geology comprises a study of the dynamical structural and historical geology of our country, and includes laboratory and field work. It is a very necessary preparation for the teaching of physical geography and for the full understanding and enjoyment of all natural scenery.

6.—GEOLOGY OF KANSAS. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. Daily, laboratory and recitation. This brief course in Kansas geology comprises studies in soil, climate, forest, and the subjacent rock formations with their included forms of extinct life; and the geological work of wind, rain, air, moisture and running water, all with especial reference to understanding the physical features of our state.

THE SCIENTIFIC METHOD—SCHOOL SCIENCE.

7.—NATURE STUDY. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. The course in nature study treats of the methods of teaching natural history in the grades, and will be illustrated with numerous nature-study lessons.

8.—GENERAL SCIENCE COURSE. *Three hours credit.*

First and Second Semesters.

Junior or Senior College. This course is intended to give a general preparation for teaching of General Science in the Junior High School. It includes methods of teaching the biological sciences in the high schools, as well as full discussions of science teaching in general and lessons on the subject matter.

BOTANY.

Mr. AGRELIUS.

9.—FRESHMAN BOTANY. *Four hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. The course gives a general view of the plant kingdom from one-celled plants to the Compositæ. Deposit, 75 cents.

10.—PLANT ANATOMY. *Four hours credit.*

First Semester.

Junior College. Prerequisite, Freshman Botany. This course covers a study of the structure of both flowering and non-flowering plants. Deposit, \$1.00.

11.—PLANT PHYSIOLOGY. *Three hours credit.*

Second Semester.

Senior College. Prerequisite, Freshman Botany. This course embraces a study of the vital processes of plants—absorption, excretion, circulation, respiration—and is intended as a preparation for this phase of botany teaching in the high school. It deals with practical phenomena. Deposit, \$1.00.

12.—NATURE STUDY. *Two hours credit.*

Second half Second Semester.

Junior College. Prerequisite, high school Botany. The course seeks to determine the phases of plant life which may be profitably presented in the grades, the modes of presenting such work, and the literature useful in teaching the subject.

BACTERIOLOGY.

MR. AGRELIUS.

13.—GENERAL BACTERIOLOGY. *Four hours credit. (Three hours credit in Summer Term.)*

Summer Term, and First Semester.

Senior College. No prerequisite. This is a general course in bacteriology. It includes the preparation and use of ordinary and special media and stains, and other bacteriological technique, and the distribution, dissemination, classification and identification of bacteria. Special attention is given to those forms causing disease in man and other animals, and to immunity from these organisms; to water supplies; the disposal of sewage; and to individual and community hygiene. Deposit, \$2.00.

14.—AGRICULTURAL BACTERIOLOGY. *Three hours credit.*

Second Semester.

Senior College. No prerequisite. This course consists chiefly of laboratory work, and includes methods of growing and staining bacteria; a study of the kinds of especial interest to the farmer because of their relation to soil formation and fertility, to disease in live stock, and to dairy and other farm products. Deposit, \$2.00.

15.—HOUSEHOLD BACTERIOLOGY. *Three hours credit.*

Second Semester.

Senior College. No prerequisite. This course treats of the preparation of media for growing bacteria and molds; of the staining of these organisms; of their forms and functions; and of their relation to the home. It includes the preservation of fruit; the effect of bacteria on milk, butter and other foods; the location of wells and the care of the same; the disposal of wastes; and the lighting and furnishing of the home as affecting the health of its occupants. Deposit, \$2.00.

16.—BRIEF COURSE IN BACTERIOLOGY. *One hour credit.*

First Semester.

Junior College. No prerequisite. Some of the more important facts about bacteria and their relation to man are considered as well as the time will permit. It is the purpose of this course to enable every teacher to gain some accurate knowledge of bacteria instead of the more or less hazy notions often held. It does not attempt the same quantity or quality of work done in the other courses. Deposit, 50 cents.

Physiology and Hygiene.

Professor WHITE.

A major of twenty-five hours is made up of all the courses offered, together with courses in other departments taken with the approval of the head of the Department of Physiology and Hygiene. A minor of fifteen hours should be selected from Biological Science, Chemistry, Household Science, or Physical Training.

1.—GENERAL PHYSIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Junior College. An elementary course with college credit for those students who have never taken physiology in high school, and will satisfy the three-year certificate requirement in physiology for these students. The work will consist of a comprehensive discussion of the basic principles of physiology, and emphasis will be laid upon the relation of the body functions to personal efficiency. From time to time laboratory apparatus and sections of normal tissue will be used to give a better idea of the subjects under discussion. Required for the Three-year State Certificate of students who have not had a half-year's work in high school.

2.—ADVANCED PHYSIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, a high-school course in physiology, or course 1. Frequent illustrations of the subject under consideration will be given by use of laboratory apparatus and methods. In addition to a careful discussion of the functions of the blood, lymph, digestive tract, nervous system, skin, glands, respiratory organs, muscles, etc., conference topics will be assigned to each student during the course, on pertinent subjects on which students will be asked to make special research and read the results of their investigations in class.

3.—PHYSIOLOGY OF ALIMENTATION AND DIETETICS. *Two hours credit.*

Second Semester.

Senior College. Particular stress will be laid upon the study of the action of the enzymes, and the secretions of the glands of the stomach and intestines, also the secretions of the salivary glands of the stomach and intestines, also the secretions of the salivary glands and pancreas. The processes of absorption, assimilation, emulsification, saponification, and their relation to nutrition, are studied in detail. The calory values of the different constituents of food are given proper consideration, and the proper amount of each constituent in a daily diet with relation to the amount of physical or mental work done. A careful study of the bacteria of the alimentary tract, and conditions under which they multiply, will also be included.

4.—EXPERIMENTAL PHYSIOLOGY AND LABORATORY METHODS. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, Advanced Physiology. This course will include the actual performance of the various experiments in the laboratory and the setting up of all necessary apparatus. A knowledge of the technic of the experiments requiring live animals, such as the frog and chameleon, will also be gained.

5.—HYGIENE AND SANITATION. *Three hours credit.*

Summer Term, and each Semester.

Junior College. A course dealing with the practical phases of hygiene and sanitation as it affects the conditions under which we live and exist. A few of the subjects taken up will be as follows: Air, humidity and its effect on health; ventilation; dust and its removal; heating systems, methods, etc.; water—composition, properties, impurities, purification systems, filtration, sedimentation, reservoirs, watersheds, chemical tests, etc.; sewage removal, disposal plants, plumbing; garbage disposal, food—adulterants, laws applying, preservatives, energy value, etc.; exercise; clothing; personal hygiene, industrial hygiene, effects of certain occupations, etc.; length of working day; school hygiene, site, structure, medical inspection of, etc.; military hygiene; naval hygiene; soil; habitations—site, walls, foundations, roof; flies, mosquitoes, etc.; disease—epidemics, immunity, susceptibility, vaccination; disinfection—methods, etc.; quarantine—laws and customs in different localities; vital statistics. Practical field trips will be taken to observe dust removal, ventilation systems, heating plants, refrigeration plants, slaughterhouses, garbage incinerators, waterworks systems, etc.

6.—FIRST AID TO THE INJURED. *One hour credit.*

Summer Term, and each Semester.

Junior College. A course in emergencies and first aid to the injured is offered. This course will take up the important points under anatomy which are necessary, and a discussion of germs and infection, followed by a consideration of inflammation, its causes and symptoms. Briefly, the following conditions will be considered: First-aid materials, antiseptics, splints, tourniquets, shock, bruises, sprains, dislocations, fractures, burns of all kinds, hemorrhage, unconsciousness, convulsions, poisoning, sunstroke, frostbite, electric shocks and lightning, hiccough, corns, chilblains, etc. Artificial respiration after drowning accidents will be carefully taught; also thorough practice in all kinds of bandaging.

7.—HISTOLOGY. *Two hours credit.*

Second Semester.

Junior College or Senior College. A study of the structure of the organs and tissues of the body, both macroscopic and microscopic, including the glands, blood vessels, muscles, nerves, skin, kidney, liver, stomach, pancreas, spleen, etc. Laboratory work will be an integral part of the course. The permanent mounts of sections of tissue will be the property of the individual student at the completion of the course, and will be invaluable for illustrating work in physiology, for the teacher who wishes to get permanent results.

8.—HUMAN ANATOMY. *Five hours credit.*

First Semester.

Junior College or Senior College. Study of the bones, muscles, and internal organs. A thorough study is made. Prerequisite, Advanced Physiology.

Commerce.

Professor PARKE.
Mr. SKOGLUND.
Mr. POCOCK.

This department aims (1) To prepare teachers to organize and conduct commercial courses in high schools; (2) To train teachers and supervisors of penmanship; (3) To offer elective courses for those who wish to obtain a knowledge of business subjects as a part of their general education.

Since teachers of commercial branches in high schools are usually expected to teach all the subjects of the ordinary high-school commercial course, it is very desirable that students who are preparing to do this work should include in their preparation: Accounting, 9 hours; Law, 6 hours; Stenography, 9 hours; Typewriting, 3 hours; Penmanship Methods, 2 hours; Principles and Methods in Commercial Education, 2 hours.

A maximum of twenty-five hours constitutes a major in Commerce. A minor of fifteen hours should be selected from one of the following departments: Economics and Sociology, Foreign Languages, History and Political Science, Agriculture, Manual Training.

ACCOUNTING.

In all the accounting courses instruction is given in the use of business papers, in business customs, and in methods of business organization and management.

1.—ELEMENTARY ACCOUNTING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Open to Freshmen who have had no high-school bookkeeping. Fundamental principles are studied and applied. Prepares students to do practical work in bookkeeping and for the advanced accounting courses.

2.—MERCANTILE ACCOUNTING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Elementary Accounting, or a half-year of high-school bookkeeping. This course includes a partnership set and covers the work of a large mercantile business, with emphasis upon the relation of the accounting system to business efficiency. Special attention is given to classifying accounts so as to show in detail the condition and progress of each department of the business.

3.—HOUSEHOLD ACCOUNTS *One hour credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. A simple but complete plan for keeping a classified record of household receipts and expenditures.

4.—FARM ACCOUNTING. *Two hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. A practical system of keeping farm accounts, so devised as to show the condition, progress, and results of the farm business as a whole and in each of its departments. A course useful to students in agriculture as well as to those in Commerce.

5.—BANK ACCOUNTING. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Elementary Accounting. Organization and management of banks. Books opened from statements of a bank already in operation. The work is designed to reproduce as nearly as practicable the routine of a bank.

6.—ADVANCED ACCOUNTING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Mercantile Accounting. The distinctive features of corporation accounting are studied. Attention is given to accounts peculiar to the commission business. A manufacturing set is worked out, illustrating modern cost keeping, giving a careful classification of accounts, and presenting in detail the results of the activities, productive and distributive, of a somewhat extensive manufacturing establishment. The course covers a highly developed system of modern accounting.

7.—PHILOSOPHY OF ACCOUNTS. *Two hours credit.*

On sufficient demand.

Senior College. Prerequisite, Advanced Accounting. Accounting in its relation to economics. Analysis of complex accounts and statements, treatment of depreciation, valuations involving interest, capital and revenue accounts, elements of profit, amortization, sinking funds and reserve accounts, the use of statistics in determining the condition of a business.

9.—BUSINESS ORGANIZATION. *Two hours credit.*

On sufficient demand.

Junior College. It is advised that this course be preceded by General Economics. Fundamental principles of business administration. The individual business man, the partnership, and the corporation. Extractive, manufacturing, and distributive industries. The various departments of a large business and their relation to one another. The market, advertising, credits, and collections. The administrative department and accounting methods.

LAW.

10.—ELEMENTARY LAW. *Two hours credit.*

Summer Term, and First Semester.

Junior College. No prerequisite. Designed to give a general view of our legal system. Among the topics studied are: Written and unwritten law; personal and property rights; criminal law; private wrongs, including fraud, negligence, nuisances, trespass, defamation of character, etc. Remedies for public and private wrongs are discussed, including an outline of court procedure and a brief study of the rules of evidence. Correlated with history, government and economics, as well as with business subjects.

11.—BUSINESS LAW. *Four hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. It is the aim in this course to teach those principles of law that give one an intelligent idea of his legal rights and limitations in business dealings. The law of contracts, sales, commercial paper, agency, partnership, and corporations, are among the topics studied. Attention is given to the law governing real estate titles and transfers, by deed, will, and inheritance. Drills are given in writing legal papers.

STENOGRAPHY.

13.—ELEMENTARY STENOGRAPHY. *Five hours credit.*

First Semester, Benn Pittman system.

Second Semester, Gregg system.

Junior College. No prerequisite. Emphasis is placed upon mastery of principles and correct formation of characters and outlines. Much drill is given in reading shorthand as well as in writing ordinary business and literary matter.

14.—ADVANCED STENOGRAPHY. *Four hours credit.*

First Semester, Gregg system.

Second Semester, Benn Pitman system.

Junior College. Prerequisite, Elementary Stenography. Special contractions and shortening principles, phrasing, and daily dictation, with reading and transcription of notes. Emphasis is placed upon accuracy and readiness in transcribing.

15.—SHORTHAND SPEED PRACTICE. *Two hours credit.*

On sufficient demand.

Junior College. Prerequisite, Advanced Stenography. Dictation of difficult matter, use of dictaphone, discussion of office routine.

TYPEWRITING.

16.—ELEMENTARY TYPEWRITING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. Beginning with the mastery of the keyboard by the touch method, the student is led by a series of progressive exercises to the acquisition of practical speed and accuracy in writing ordinary business and literary matter. Laboratory fee, \$4.

17.—ADVANCED TYPEWRITING. *Two hours credit.*

Second Semester.

Junior College. Prerequisite, Elementary Typewriting. Drill is given in writing from copy and from dictation, and in various lines of office work. Laboratory fee, \$2.

METHODS.

18.—METHODS IN PENMANSHIP. *Two hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. Drill is given in movement, in the formation of letters, and in writing business forms, with emphasis upon presenting penmanship in the grades and in the high school. May be taken for the Three-year State Certificate.

20.—PRINCIPLES AND METHODS IN COMMERCIAL EDUCATION. *Two hours credit.*

Summer Term and Second Semester.

Senior College. Prerequisite, twenty hours of Commerce. This is a teachers' course including among other topics the following: Essentials of commercial education; general principles of method; the high school commercial course, including subjects to be taught, order of presenting them, amount of work to be done in each, methods of teaching. Relation of the business course to the business community; adaptation of the course to the small, the medium, and the large high school, and to local conditions.

Drawing.

Professor GRIDLEY.
Mrs. ECKDALL.
Miss MORRISON.

A maximum of twenty-five hours constitutes a major in Drawing. A minor of fifteen hours may be taken in Home Economics or Music. The courses selected in both major and Minor should be selected in conference with the head of the Drawing Department.

1.—FREE-HAND DRAWING. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Free-hand drawing with pencil, charcoal and crayon; principles of perspective; elementary composition, including decorative treatment of flowers, landscapes and still life. Daily. No work required out of daily class period.

2.—ELEMENTARY LIGHT AND SHADE AND WATER COLOR. *Three hours credit.*

Summer Term, and each semester.

Junior and Senior College. Prerequisite, course 1, or its equivalent. Theory of color; study of color harmonies. Studies in color compositions. Drawing in color from still life, flowers, landscape.

3.—BLACKBOARD ILLUSTRATION. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Practice in blackboard drawing, using chalk, charcoal, and colored crayons. Required of students seeking the Kindergarten Life Certificate. May be taken by those desiring any of the special proficiency certificates.

4.—DRAWING AND HAND WORK. *Two hours credit.*

Summer term, and each Semester.

Junior College. Elementary water color, design, weaving, modeling, paper cutting and other practical hand work for use in the lower grades and rural schools. May be taken by those desiring any of the special proficiency certificates.

5.—ELEMENTARY FREE-HAND AND CONSTRUCTION DRAWING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Free-hand drawing with the pencil; the principles of perspective applied to drawing interiors; working drawings. This course is especially planned for students taking Domestic Art Courses.

6.—METHODS OF TEACHING DRAWING. *Two hours credit.*

Summer Term and each Semester.

Junior or Senior College. Prerequisite, courses 1 and 2 or their equivalent. Of practical value to teachers in intermediates for grammar grades and high schools. Required of all candidates for teaching drawing in the Training School.

7.—ELEMENTARY AND APPLIED DESIGN. *Four hours credit.*

Summer Term, and First Semester.

Junior College or Senior College. Historic ornament and design. Making original designs to be worked out in metal also designs applied to fabrics by stencil and block printing processes. Original decorative wash drawings, color harmonies, lettering, interior decoration and costumes.

- 8.—CLAY MODELING. *Two hours credit.*
 Summer Term and First Semester.
 Junior or Senior College. Elementary modeling of clay suitable for lower grades, also more advanced work including plaster casting for higher grades and high schools.
- 9.—ART APPRECIATION. *Three hours credit.*
 Summer Term, and First Semester.
 Senior College. A study of the world's great masterpieces of art with reference to recognized principles of art as applied to Architecture, Sculpture and Painting.
- 10.—ADVANCED LIGHT AND SHADE. *Four hours credit.*
 Summer Term, and Second Semester.
 Junior or Senior College. Advanced work in light and shade in wash drawings and charcoal. Studies are made from cast and still life.
- 11.—ADVANCED WATER COLOR. *Four hours credit.*
 Summer Term, and Second Semester.
 Junior or Senior College. Prerequisite, courses 1 and 2. Studies in landscapes, fruit and still life.
- 12.—BASKETRY. *Two hours credit.*
 Summer Term, and each semester.
 Junior College. History of basketry. Instruction in weaving with reeds and raffia.
- 13.—HISTORY OF ART. *Four hours credit.*
 Second Semester.
 Senior College.
- 14.—PICTURE STUDY IN THE GRADES. *Two hours credit.*
 First Semester.
 Junior or Senior College.

Economics and Sociology.

Professor SMITH.

A maximum of twenty-five hours constitutes a major in this department. A minor of fifteen hours must be selected from the work of another department. Selected minors are: American History, Commerce, European History, General Pedagogy.

ECONOMICS.

- 1.—GENERAL ECONOMICS. *Three hours credit.*
 Each Semester.
 Junior College. Senior College students are admitted to this class by consent of instructor. A brief survey of the principles of economics, with a preliminary application of these principles to existing business conditions. Special attention will be devoted to local and national politico-economic questions before the public at the present time. In so far as possible it will be an applied rather than a theoretical course, and will be of especial advantage to debaters and those interested in public affairs.

2.—MONEY, BANKING, AND PUBLIC FINANCE. *Four hours credit.*

First Semester.

Senior College. Prerequisite, General Economics. The first half of the semester is devoted to the general history and principles of money and credit; banking history, theory and practice, and some of the financial problems of the day. The last half of the semester will be devoted to public finance. This course includes an analysis of the fundamental principles of national finance as shown in the leading revenue systems of the world; the variety, nature and workings of the different elements of taxation in our national, state and municipal budgets, and a study of the specific tax problems before the state of Kansas. By special consent of the instructor and adviser the two parts of this course may be taken separately and two hours credit given.

3.—COMMERCIAL AND INDUSTRIAL HISTORY. *Three hours credit.*

On sufficient demand.

Senior College. Course 3 is a history of commerce. It traces the rise of trade and commerce in ancient times, its development during the Crusades and the age of the Hanseatic and other commercial leagues, and its enormous expansion in recent times; also the effects of geographical conditions, customs and economic ideas upon commerce, and the reactionary effect of commerce upon civilization and national development. It embraces a review of the colonial industrial system, the growth of manufactures, the internal improvement and tariff questions, the development of our banking and currency systems, and the rise and treatment of our trust and monopoly problems.

4.—LABOR AND TRANSPORTATION PROBLEMS. *Four hours credit.*

Second Semester.

Senior College. Prerequisite, General Economics. A brief history of labor organizations, with a preliminary study of such problems as the union label, strikes and boycotts, workingmen's insurance, employer's liability, profit sharing, and labor legislative programs. This will trace briefly the history of transportation in the United States and Europe, then take up the problems of tariffs, capitalization, organization, judicial control, state regulation of our railways, and a brief review of our maritime and inland waterway policies.

5.—RURAL ECONOMICS. *Two hours credit.*

Summer Term.

The growing demand for applied subjects calls for courses where the content is emphasized. The field of economics is too broad to be covered thoroughly in one course; and since Kansas is an agricultural state and most Kansas students are familiar with farm conditions, rural economics form one of the best lines of approach to the subject. In this course the theories of economics most prominent in agriculture are emphasized. Also, the illustrative material used is drawn mainly from farm sources. It is intended to make the course as distinctly practical as possible. No prerequisite.

6.—INDUSTRIAL ORGANIZATION. *Two hours credit.*

Summer Term.

Junior College or Senior College. Prerequisite, General Economics. American business supremacy is largely the result of efficient organization. In this course the various forms of business organization are analyzed, the history and principles of capitalistic production are developed, and various phases and problems of the industrial world of to-day are studied. Trust control, trust finance, state regulation, and other industrial problems of the day receive special attention.

SOCIOLOGY.

1.—GENERAL SOCIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Junior College and Senior College. Prerequisite, Elementary Psychology. The first half of the semester outlines the general field of sociological theory, literature and thought, with a textbook, assigned readings, papers and discussions. The second half of the semester will be used in investigating a variety of topics dealing with dependents, defectives and delinquents, sociological legislation and reform, rural and urban life. Lectures, assigned readings, reports and term papers.

2.—SOCIOLOGICAL PROBLEMS. *Two or four hours credit.*

On sufficient demand.

Senior College. Prerequisite, General Sociology. The nature of the work will vary from term to term, a part of it being in advanced theory and art in detailed topical investigation.

3.—EDUCATIONAL SOCIOLOGY AND COMMUNITY BETTERMENT. *Three hours credit.*

Summer Term, and each Semester.

Senior College. Prerequisite, Psychology. The most remarkable developments in the educational field in the past few years have been along social lines. The individualistic point of view is giving way to the social, and the school is becoming more and more a part of community life. The affiliation of the school with the home and the church, with industry and the government, must be made more complete and perfect. To emphasize this broader point of view, and to trace fully the relation of the school to the other educational institutions of life, is the purpose of educational sociology. The first half of the course deals with the general sociology of education, and the last half with the various agencies of social and community betterment with which the teacher is particularly concerned.

4.—GENETIC PSYCHOLOGY II. *Two hours credit.*

See Department of Psychology.

6.—SOCIAL PSYCHOLOGY. *Two hours credit.*

See Department of Psychology.

English.

Professor BARRETT.

Miss NEWTON.

Mr. BROWNELL.

Mr. ———.

A maximum of twenty-five hours constitutes a major in English. A minor of fifteen hours must be selected from some other department. Suggested minors are: Public Speaking and Expression, Foreign Languages, History, and Economics and Sociology.

1.—RHETORIC AND COMPOSITION. *Three hours credit.*

Summer Term, and each Semester.

Junior College. This is a course for freshmen in thinking English. Certain of the elementary rules and methods of good thinking and their correlation with correct sentence structure are studied. There is a severe drill in the simpler technique of writing. Above all is the student required to write, constantly and continually, until he is fluent in this form of expression.

2.—NEWSPAPER ENGLISH I. *Three hours credit.*

First Semester, and Summer, 1915.

Junior or Senior College. Prerequisite, Rhetoric and Composition. This is a study of the form and composition of the news report. The development of a terse and powerful style is sought. Fully fifty per cent of the material written in this class reaches the printing press.

3.—NEWSPAPER ENGLISH II. *Three hours credit.*

Second Semester and Summer, 1916.

Junior or Senior College. Prerequisite, Rhetoric and Composition. This is a study of current opinion. The editorial, as an intelligent comment on affairs, will be studied. The simpler kinds of critical writing will be taken up. Each student will undertake, with a view to publication, an investigation of some subject vital in modern life. These courses in general journalistic English are designed to give the teacher power to put the school before the public.

4.—ADVANCED COMPOSITION. (For women.) *Two hours credit.*

Second Semester and Summer, 1916.

Junior or Senior College. Prerequisite, Rhetoric and Composition. This course is especially designed to meet the needs of the teacher as a leader in club work in the high school and in the community. Attention is given to reports, the illustrated talk, the book review, interpretation of pictures, and the club paper. Social correspondence is also considered.

5.—AMERICAN LITERATURE. *Three hours credit.*

First Semester and Summer, 1915.

Junior College. Prerequisite, Rhetoric and Composition. This course gives a general review of the history of American Literature, but the emphasis is strictly placed on the classics. Methods in presenting the work in high school will be suggested. Much reading in the library is required.

6.—ENGLISH ROMANTIC POETS. *Three hours credit.*

First Semester and Summer, 1916.

Junior College. Prerequisite, Rhetoric and Composition. In this course a study is made of some of the best new or recent poetry, essays, and fiction. Comparison is made with established models and an effort is made to develop power of criticism. Current magazines and the library are used extensively.

7.—THE NOVEL. *Three hours credit.*

Second Semester, and Summer, 1915.

Junior College. Prerequisite, Rhetoric and Composition. A study is made of the rise and development of the novel. The structure of the novel is studied. An intensive study is made of some of the novels of Jane Austen, Scott, Dickens, Thackeray, George Eliot, Meredith and Hardy.

8.—ENGLISH LITERATURE TO 1500. *Three hours credit.*

First Semester, and Summer, 1915.

Junior or Senior College. Prerequisite, Rhetoric and Composition. The object of this course is to make a general review of English Literature from its earliest beginning down to the Renaissance. Some time is devoted to Chaucer. The series of various movements that developed later will be noted. Students are expected to spend considerable time reading in the library.

9.—ENGLISH LITERATURE, 1500-1660. *Three hours credit.*

Second Semester, and Summer, 1916.

Junior or Senior College. Prerequisite, Rhetoric and Composition. The English drama, except Shakespeare, is studied. Spencer, Bacon and Milton are given due attention.

10.—ENGLISH LITERATURE, 1660-1800. *Three hours credit.*

First Semester, and Summer, 1915.

Junior or Senior College. Prerequisite, Rhetoric and Composition. A study is made of the classical period and its prose and poetry. The growth of the dramatic movement will be traced to its culmination at the end of the century.

11.—THE SHORT STORY. *Two hours credit.*

First Semester, and Summer, 1915.

Junior or Senior College. Prerequisite, Rhetoric and Composition. Both the constructive and the literary sides of the short story are emphasized. Various types are studied. An original short story is written.

12.—THE HISTORY AND DEVELOPMENT OF THE ESSAY. *Three hours credit.*

Second Semester, and Summer, 1916.

Junior or Senior College. Prerequisite, one year of College English. The essay reveals more clearly than any form of literature the methods of a man's thinking. The course includes a study of the contrasts of a priori and posteriori thought. With Bacon as an example of the latter and with Emerson of the former, the great essayists are grouped and their ideas analyzed. Essays from Montaigne to George Fitch are read.

13.—SHAKESPEARE'S TRAGEDIES. *Three hours credit.*

First Semester, and Summer, 1915.

Junior or Senior College. Prerequisite, one year of College English. This is a study of the conception of the tragedy in literature. All of Shakespeare's tragedies are read and discussed. One of his greater tragedies is studied intensively. Shakespeare's versification and the composition of blank verse in general receives attention. Aristotle's Poetics is read, and therefrom a philosophy of the tragedy constructed.

14.—SHAKESPEARE'S COMEDIES. *Two hours credit.*

Second Semester, and Summer, 1916.

Junior or Senior College. Prerequisite, one year of College English. Eight of Shakespeare's comedies are read, chosen from the different types. Some attention is paid to the life and times of Shakespeare and to the development of his genius.

15.—TENNYSON. *Two hours credit.*

First Semester, and Summer, 1915.

Senior College. Prerequisite, one year of College English. A study of the author's characteristic poems.

16.—BROWNING. *Two hours credit.*

Second Semester, and Summer, 1916.

Senior College. Prerequisite, one year of College English. This course includes all of Browning's short poems that are usually studied in schools, his dramas and selections from "The Ring in the Book."

17.—LITERARY STUDY OF THE BIBLE. *Two hours credit.*

Second Semester, and Summer, 1916.

Senior College. Prerequisite, one year of College English. The aim is to give the student an appreciation of the Bible as "The World's Great Masterpiece of Literature." Attention is given to the dramatic, lyric and epic forms, and other literary excellencies set forth in "Job" and the Biblical Idyls—"Solomon's Song," "Esther" and "Ruth." Biblical quotations and allusions are also taken up to illustrate the truth that the Bible has profoundly influenced and saturated the best literature.

18.—CONTEMPORARY DRAMA. *Two hours credit.*

Second Semester, and Summer, 1915.

Senior College. Prerequisite, one year of College English.

19.—METHODS OF HIGH-SCHOOL ENGLISH. *Two hours credit.*

Summer Term, and each Semester.

Junior College. The aim of this course is to give as definite preparation as possible for the work of teaching English in the grades. Skill in the use of English as an instrument for conveying thought, both information and feeling, is the goal. Attention is given to composition work with special reference to the problem of adequate motivation. Chief emphasis is placed upon the problem of the selection and use of literature for the several grades which shall develop character. McClintock's Teaching of Literature in the Elementary School is the basic text.

Geography.

Miss ATWOOD.

A maximum of twenty-five hours constitutes a major in Geography. A minor of fifteen hours should be selected from courses in American History, Biological Sciences, Physical Sciences, Mathematics or Economics and Sociology.

1.—ECONOMIC AND INDUSTRIAL GEOGRAPHY. *Three hours credit.*

Summer Term, and Second Semester.

Junior College. The development of natural resources and their relation to the growth of nations. The geographical factors influencing the location and development of industrial regions, trade centers and commercial activities.

2.—NORTH AMERICA. *Four hours credit.*

First Semester.

Junior College. The physiography of the continent and its influence upon the development of the nations. The development and conservation of the natural resources of the United States, and their relations to industries.

3.—SOUTH AMERICA. *Three hours credit.*

Summer Term, and Second Semester.

Junior College. The geographical factor influencing the development of the nations of South America. The industrial regions, trade centers and commercial activities of the continent.

4.—RELATION OF GEOGRAPHY TO HISTORY. *Four hours credit.*

Summer Term, and each Semester.

Junior College. To geographic factors influencing settlement, westward movement of population, and growth of the United States.

5.—EURASIA. *Four hours credit.*

Not offered in 1915-'16.

6.—SPECIAL METHODS IN GEOGRAPHY. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Economic and Industrial Geography, or its equivalent. The nature and scope of the subject and its relation to other subjects of study. Selection of subject matter, and methods of presentation for different grades. Geographic materials and their use.

7.—ADVANCED PHYSIOGRAPHY. *Three hours credit.*

On sufficient demand.

Senior College. Prerequisite, High-school Physiography. Elementary meteorology, and types of land forms, their origin, growth and relation to man's interests. Subject matter and methods for high-school teachers. One hour a week of laboratory work is required.

American History and Government.

Professor WHITNEY.
Mr. _____.

A maximum of twenty-five hours constitutes a major in American History and Government. A minor of fifteen hours must be selected from the work of some other department. Suggested minors are European History, Economics and Sociology, English, Modern Languages, General Pedagogy.

AMERICAN HISTORY.

1.—AMERICAN HISTORY, GENERAL COURSE. *Three hours credit.*

Summer Term, and each Semester.

Junior College. This is a textbook course designed especially to meet the three-hour college requirement for college students who have not had American history in the high school, and for those who do not expect to major in history.

2.—AMERICAN POLITICAL AND CONSTITUTIONAL HISTORY, 1789-1817.
Three hours credit.

Summer Term, and each Semester.

Junior College. With the adoption of the new constitution, the American nation seeks to establish itself at home and win recognition abroad. Without precedent, beset by enemies within and without, the undertaking is and the success is one of the great achievements of world history. Those majoring in History should begin their American History with this course. Those desiring but a single course in the department and who have had American History in the high school should take this course.

3.—AMERICAN POLITICAL AND CONSTITUTIONAL HISTORY, 1817-1860.
Three hours credit.

Each Semester.

Junior College. This is an era of great internal development. Economic questions arise with direct bearing upon the Rebellion. New movements—educational, political, philanthropic, religious, literary and governmental—characterize the period. This is better understood if preceded by Course 2.

4.—KANSAS HISTORY. *Two hours credit.*

Second Semester.

Junior or Senior College. The state text is used as a guide. A more definite knowledge of the history of our own state should be the pride of every Kansas young man and young woman. The work of this course is to equip the teacher for this service to Kansas.

5-6.—THE REBELLION AND RECONSTRUCTION. *Four hours credit.*

First Semester.

Junior College. The general facts underlying the precipitation of this conflict form the introduction. The war itself is studied by campaigns with the attempt to discover the designs and methods of the bodies. The resources of the combatants, the armies, navies, supplies, means of transportation, etc.; the finances; the attitude of foreign countries; are subjects of study. The problems of reconstruction with all that is involved, the difficulties surrounding them, the ends sought, the methods of solving them and the consequences resulting, form the least understood part of our nation's history. Courses 2, 3, 10-11, 12-13 form excellent preparation for this course.

7.—AMERICAN HISTORY SINCE 1876. *Three hours credit.*

Summer Term, and Second Semester.

Junior College. The new Union has new conditions to meet. The giant strides of the world's progress finds the American nation in the lead. As a nation of peace, she has come to occupy a unique position among the other nations. Hence this period is a study of national problems such as industry, organizations, inventions, transportation, internal development, politics, etc., also of international problems relating us with the world at large.

8.—THE TEACHING OF HISTORY IN THE GRADES. *Two hours credit.*

Summer Term, and each Semester.

Junior College. This course deals with the selection of material, the method of presentation, books of reference and means of visualization for history in the primary, intermediate and grammar grades. Fairy-stories and folk-lore, the history of all nations. Ancient Greek, Roman, English, German, French, American—furnish material. Handwork of all kinds serve as illustrative or construction work for visualization. Dramatization and programs for special days are features of the class work. Courses taken in primary handwork, clay modeling, basketry, freehand drawing, blackboard illustration, woodwork, all make this course more valuable. Especially valuable for rural and elementary school teachers.

9.—THE TEACHING OF SECONDARY HISTORY. *Two hours credit.*

First Semester.

Senior College. This course is prepared to give secondary teachers three things: an understanding of the place history should hold in the school curriculum; an equipment of historical materials; and a knowledge of the best methods of using these materials—all from the point of view of secondary education. The first involves a study of the evolution of history and why it occupies its present exalted position in educational thinking. The second deals with outlining of courses, examination of texts, preparation of reading lists and classification of material. The third covers presentation, helps, devices, methods of visualization, dramatization. This is supplemented by observation and criticism. Open to students preparing to teach history in the secondary school.

10-11.—AMERICAN COLONIAL HISTORY TO 1763. *Four hours credit.*

First Semester.

Senior College. European conditions leading to our age of discovery, and the ancient life in America are followed by a detailed study of the discoverers and explorers as expressive of the character, motives, methods, and results of European expansion in the fifteenth and sixteenth centuries. The planting of the individual colonies and the development of colonial institutions lay the foundation for the formation of the American nation.

12-13.—THE AMERICAN REVOLUTION AND CRITICAL PERIOD, 1763-1789.

Three hours credit.

Second Semester.

Senior College. The American Revolution, *two hours credit*, will be given in the summer term. This story of the struggle of the colonies for independence and of the nation to realize itself in government is a dramatic one. One sees a nation in the making and the process by which it builds great principles into its form of government.

14.—LATIN-AMERICA. *Two hours credit.*

Summer Term, and first Semester.

Junior or Senior College. Central and South America have thrust themselves above the horizon of the student of American history within the last decade, with so persistent a demand for consideration that, at least, one should be conversant with their general history. "America's responsibility" in Mexico and "America's opportunity" in South America must be met first with an intelligent understanding of her people, their past history and future outlook. Such is the purpose of this course.

15.—THE WEST. *Two hours credit.*

Second Semester.

Senior College. The growth of our nation westward is studied for its causes and processes. New problems and how they affect our national life are considered.

16.—SEMINAR. *One hour credit.*

Summer Term, and each Semester.

Discussions of topics helpful to teachers of history and of problems of interest to students of history will be the character of this course. Open to all who have had one or more courses in the department.

GOVERNMENT.

1.—THE GOVERNMENT OF KANSAS—STATE AND MUNICIPAL. *Two hours credit.*

First Semester.

Junior College. This course is designed to familiarize the student with the actual administration of affairs in Kansas, both state and municipal. The possession of the ballot should demand an intelligent acquaintance with the problems peculiar to the government of the state, the city and the rural communities. A comparative study of similar problems in other states will be an interesting feature of the course. Open to all choosing to elect it.

2.—AMERICAN CONSTITUTIONAL GOVERNMENT. *Three hours credit.*

Summer Term, and each Semester.

Senior College. The purpose of this course is to make a thorough and detailed study of our Federal system of government. This will include its organization, functions and practical operation. The growth of our Constitution by amendment and by interpretation and the development of American political theories will be included in this study.

3.—INTERNATIONAL LAW AND AMERICAN DIPLOMACY. *Three hours credit.*

Summer Term, and First Semester.

The course deals with the origin and obligations of International Law; States; Sovereignty; High Seas; Nationality; Aliens; Consular and Diplomatic Service; Treaties; Modes of Redress; War; Prize Courts; Contraband; Blockade; Neutrality. American Diplomacy since 1776 is an important feature. (Whitney.)

4.—COMPARATIVE STUDY OF EUROPEAN GOVERNMENTS. *Three hours credit.*

Second Semester.

Senior College. A comparative study of the political institution of the nations of Western and Central Europe, including Great Britain, France, Italy, Switzerland, Austria-Hungary, Holland, Belgium and the Scandinavian countries. The course takes into account historical origin, growth of governments, political parties and local administration. The organizations, functions and procedure of the different branches of European government are compared to those of the United States. Prerequisites, European History 1 and 2 and American Government.

5.—HISTORY OF TREATIES. *Two hours credit.*

Second Semester.

Senior College. In this course is treated the early existence, nature and classification of treaties; the sources of the treaty-making power; the parties to a treaty and the validity of treaties. Consideration is given to form, ratification, interpretation, enforcement and operation of treaties in general. The more important international treaties of modern time, including the problems which they had to solve and the effect of their solution upon international politics, will be studied. This course is recommended for those majoring in history and to be taken as one of the finishing courses of the major work.

6.—PARLIAMENTARY LAW. *One hour credit.*

Each Semester.

Junior College. Every young man and every young woman should be familiar with the general rules of parliamentary procedure. Everyone should know how to organize a meeting, how to conduct a debate, how to handle ordinary motions, and what are the duties of a presiding officer. The purpose of this class is to furnish that knowledge and the actual practice. Each person electing the course will be given an opportunity to become as expert a parliamentarian as the time of the course will permit. (Whitney.)

European History.

Professor WILLIAMS.

The equipment of the European History Department consists of 920 books of the following classification: General, consisting of history of civilization, philosophy of history, historical research and method, 132; European 181; English, 264; Roman, 211; Greek, 132. Of this number 100 are either complete or extract source material. The additional material consists of three historical charts, fourteen wall maps, six graphic charts, ten wall pictures, and a large number of small pictures, eight historical atlases, and two complete stereoptican sets of Greece and Rome. It is the plan of the department to complete this equipment until a fair-sized historical museum will be established.

A maximum of twenty-five hours constitutes a major in European History. A minor of fifteen hours must be selected from some other department. History and Government, and Economics and Sociology are suggested minors.

1.—EUROPEAN HISTORY DURING THE MIDDLE AGES. *Three hours credit.*

First Semester.

Junior College. This course covers the period of the history of Europe between the decline of the Roman Empire and the Renaissance in the 15th Century. The period was preëminently an institutional epoch when forms and customs were in the making. The course deals with the transition from the ancient to the Mediæval world, the effects of the barbarian invasions; the growth of the Christian Church; the feudal system; Mediæval culture; and the beginnings of modern states and civilizations. Special attention is given in the course to a development of the historical point of view and in the use of source material. This course is considered fundamental to later work in history.

2.—MODERN EUROPEAN HISTORY. *Three hours credit.*

Second Semester.

Junior College. A general course dealing with the important phases of European history from the time of the Renaissance until the present. It treats of the Renaissance; the Reformation; the age of Louis XIV; the French Revolution and Era of Napoleon; the Unification of Italy and Germany and the Europe of to-day. This course should follow Course 1.

3.—HISTORY OF GREECE. *Three hours credit.*

First Semester, and Summer Term of even years.

Junior College. Emphasis is laid on the artistic, intellectual, religious, social, economic and political life of the Greek people. Special attention is given to mythology as an aid to teachers in primary and secondary schools. The fundamental idea is kept in mind that the historical significance and importance of the Greeks is their contributions to the general civilization of the world in their development of a superior intellectual and æsthetic culture.

4.—HISTORY OF ROME. *Three hours credit.*

Second Semester, and Summer Term of odd years.

Junior College. This course traces the growth of the Roman state and people from the legendary period to the time of the incoming of the barbarian and the deliquescing of the empire. The real greatness of Rome, which forms a part of the world's possessions to-day—her monuments, her language and literature, her ideals of government, and her legal system receive particular attention. Recommended to students majoring in Latin.

5.—HISTORY OF ENGLAND TO 1603. *Three hours credit.*

First Semester, and Summer Term of even years.

Junior College. In this course the aim is to trace the great movements by which Ancient England has become Modern England and the forces which have given rise to these movements. The fusing of several races into the English people. The early English institutions which were the germ of later institutions and the social and economic life of the period receive consideration.

6.—HISTORY AND GOVERNMENT OF ENGLAND FROM 1603 TO THE PRESENT.
Three hours credit.

Second Semester, and Summer Term of odd years.

Junior College. This course is a continuation of Course 5. They should be taken in regular order, but with the consent of the department this requirement may be waived. The Course deals with the successful working out by the English people of two great problems in government—that of self-government under free democratic forms, and that of governing remote dependencies. The development in the great fields of industry—manufacture and commerce—and the growth in social and intellectual progress are also studied.

7.—EIGHTEENTH CENTURY HISTORY. *Two hours credit.*

First Semester.

Junior College. This course presents a preparatory study for the history of the nineteenth century. It was the eighteenth century which set the problems of progress and suggested their solution. It was the nineteenth century that worked them out in detail and made their applications. This course will deal with the European struggles for colonial and commercial supremacy, the Old Régime in Europe, the forces working for reform; France before, during and after the Revolution, and the Napoleonic era down to the Congress of Vienna in 1815. The territorial changes, national policies, economic conditions and intellectual interests of this period form the basis for a fuller understanding of the nineteenth and twentieth centuries.

8.—THE NINETEENTH CENTURY AND AFTER. *Three hours credit.*

Summer Term, and Second Semester.

Junior College. Prerequisite, Course 1. This course begins with the reconstruction of Europe in 1815, and continues the history of Europe to the present. The ideas bequeathed by the French Revolution of social and political equality and freedom and the struggle for national unity and popular sovereignty are dominant factors in the period. The great economic, social and scientific changes which mark modern times are followed. The world problems and movements of to-day are studied through the newspapers and current periodicals. Reading, clipping, filing and reporting upon these current events form an interesting and valuable part of the course.

9.—INDUSTRIAL AND SOCIAL HISTORY OF ENGLAND. *Two hours credit.*

First Semester.

Senior College. Prerequisite, Courses 5 and 6. This course is recommended to round out the study of English history. Mediæval rural and town life, trade and commerce, the economic changes of the fourteenth and fifteenth centuries that resulted in the breaking up of the mediæval system, the industrial revolution with its momentous results, the extension of government control shown in the factory laws, modifications of land ownership, sanitary regulations and government industries, and the development of trade-unions, trusts and coöperation, are the principal topics of study.

10.—THE REFORMATION. *Two hours credit.*

Second Semester.

Senior College. This course gives consideration to the general struggle between the old and the new order of things, the modern nations which were rising into power, and the need of reform before the revolt occurred. The individual reformers, together with the revolt and the counter-revolt in the various countries, are objects of study. The religious, political and economic results of the movement complete the study.

11.—THE FRENCH REVOLUTION. *Two hours credit.*

Second Semester.

Senior College. To understand the social, economic and political conditions in France which were outgrown, and the origin and growth of the revolutionary spirit, is quite as necessary as to trace the history of destruction of abuse and the struggle for liberty and rights. The course offers a study in social psychology and the political theories of the time, as well as a history of the Revolution itself.

12.—MEDIÆVAL INSTITUTIONS. *Two hours credit.*

First Semester.

Senior College. An intensive study of a number of select problems in Mediæval social, political and religious institutions.

13.—THE TEACHING OF SECONDARY HISTORY. *Two hours credit.*

Summer term, and second Semester.

Senior College. Open by consent of instructor to Junior College students. This course is intended to meet the needs of high-school teachers of history. It considers the nature and scope of history, the sources of historical knowledge, evidence and criticism, the past and present points of view in regard to the subject. The discussions cover the aims and values of historical study, the history program for the high school, materials and methods of instruction. Each student is expected to work out bibliographies for various history courses, criticize textbooks, select lists for library reference works, and report in current historical articles. Observation and criticisms of high-school history classes form an important part of the course.

14.—SEMINAR IN EUROPEAN HISTORY. *One hour credit.*

Each Semester.

Senior College. Intensive study of a limited period or a special phase of social or political development with a view to training in historical method and use of the sources. Subjects vary from year to year.

Home Economics.MISS INGERSOLL.
MISS SAWYER.**HOUSEHOLD ART.**

Students in this department should plan the work very carefully so that all prerequisite work may be completed by the time they wish to take a certain course. The student furnishes her own material for garments made. The fees charged are to cover supplies used in addition.

A maximum of twenty-five hours in either Household Art or Household Science constitutes a major in this department. A minor of fifteen hours should be selected from Biology and Geology, Physiology and Hygiene, Chemistry, or Drawing.

1.—PLAIN SEWING. *Two hours credit.*

Summer Term, and Second Semester.

Junior College. No prerequisite. This course may be taken to meet two hours of the requirements for the Special Proficiency Certificate for Rural-school teachers. The course deals with general principles of hand-sewing, straight-line drafting, plain garment making, machine work and the study of line and color in dress.

2.—SEWING AND TEXTILES. *Four hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. A prerequisite to all succeeding Household Art courses. The aim is to teach students to be able to do accurate, durable hand-work neatly and skillfully. A study of spinning and weaving; of fibers with comparison as to price, appearance, uses and wearing qualities; of dyes and dyeing processes and their effects upon the fibers; identifications of materials and their intelligent buying and use. Fee, \$1.25.

3.—DRAFTING AND MACHINE WORK. *Four hours credit.*

Summer Term, and Second Semester.

Junior College. Prerequisite, Sewing and Textiles, and Elementary Free-hand Drawing. Required of all students majoring in Household Arts. This consists of a study of the use of patterns, cutting, fitting, and making of aprons and underwear. A complete course in drafting and designing of patterns for waists and dresses in preparation for Course 6. Fee, 75 cents.

4.—ART NEEDLE WORK. *Four hours credit.*

Summer Term, and First Semester.

Junior College or Senior College. Prerequisite, Elementary Free-hand Drawing, Elementary and Applied Design, Household Art 1 or 2. This course is designed to familiarize the student with the simple stitches used for finishing or decoration of articles of clothing or house-furnishings. The course includes different kinds of embroidery, crocheting, knitting and tatting.

5.—MILLINERY. *Four hours credit.*

Summer Term, and Second Semester.

Junior College or Senior College. Prerequisite, same as for Art Needle Work. The course includes a study of styles of both fall and spring, individual styles and suitability of materials, designing and making of frames of wire and buckram, covering of frames, lining hats, draping and trimming of hats, making of bows, flowers, ornaments, etc. Each girl making herself at least one large hat. Fee, \$1.50.

6.—DRESSMAKING. *Four hours credit.*

Summer Term, and First Semester.

Senior College. Prerequisite, Household Arts 3, Elementary Free-hand Drawing, Elementary and Applied Design. A study of all materials and trimmings suitable for dresses. Shrinkage or any special treatment before and cautions to be observed while sewing the different materials. Consideration is given to color, adaptation of materials, proportions and individual styles. Fee, 50 cents.

HOUSEHOLD SCIENCE.

EQUIPMENT OF STUDENTS.

Students must be supplied with two white or unbleached crash holders 6 x 8 inches; two white or checked hand towels made of linen cup towel-ing, eighteen inches square; two pairs of white, plain half-sleeves; two white aprons of certain style—directions for making may be secured from the department. Students must also be supplied with wash dresses or at least wash waists for the laboratory, and also should have one simple white dress.

7.—FOODS. *Two hours credit.*

Summer Term, and second half of Second Semester.

Junior College. May be taken for two hours of required work for the Special Proficiency Certificate for Rural-school Teachers. This course is designed to meet the needs of rural teachers who desire some general knowledge of foods in order to do some domestic science teaching in their schools. It is a desirable course for housekeepers. Fee, \$3.50.

8.—ELEMENTARY FOOD PREPARATION. *Four hours credit.*

First Semester.

Junior College. No prerequisite. For students wishing to major in Home Economics who have not had high-school cooking. A good course for any one desiring a practical knowledge of cooking. Fee, \$6.

9.—ADVANCED FOOD PREPARATION. *Four hours credit.*

Each Semester.

Junior College. Prerequisite, High-school Physics, General Chemistry and Course 8 for students who have not had high-school cooking. (This applies only to new students after June, 1915.) The course contains a study of the kitchen, plan, equipment, standard measures, fuels and temperatures; nature and uses of foods; source, condition, chemical composition and functions in the body; the food principles with special study of economic and æsthetic values, and principles governing selection, preparation, and manipulation of foods, proteins, fats, water, mineral matter. Fee, \$6.

10.—SERVING. *Three hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, Home Economics 7, or 8, or 9 and 10. In this course attention is given to the preparation of full meals for varying numbers of persons; the balancing of meals; æsthetic cookery and serving; various methods of serving, buffet, cafeteria, table service, the dining room, table equipment, and proper service of meals differing in type and formality. Emphasis is placed on the æsthetic and economic sides of the selection and preparation of the materials. Always given from 10:30 to 2. Fee, \$3 to \$6.

11.—SPECIAL METHODS IN HOME ECONOMICS. *Two hours credit.*

On sufficient demand.

Junior College. Prerequisite, one course in each Household Science and Household Art. This includes the planning of courses in both Household Science and Household Art for the children of the grades, also the methods of presentation and the study of equipment.

12.—ECONOMIC USE OF FOODS. *Four hours credit.*

First Semester.

Senior College. Prerequisite, course 9, Qualitative Analysis, three hours of Physiology and three hours of Bacteriology. The course includes a study of food preservation and reasons for the same. The use of preservatives; a study of bacteria and their relation to food preservation, carbohydrates, classes chemical composition, digestion, and application of heat in their preparation for the table; bread and the principles of bread making; food values and nutrient equivalents; the preparation of meals, their proper service and cost. Fee, \$6.

13.—DIETETICS *Four hours credit.*

Second Semester.

Senior College. Prerequisite, Home Economics 9 and 12, Organic Chemistry. The course includes the study of nutrients found in various foods, the proper balancing of meals; the chemistry of food and nutrition; discussion of the healthful diet for persons in normal conditions of health but differing in occupation; influence of climate and seasons upon needed changes in diet; diet in disease; effect of various food constituents upon any one disordered digestive agent; invalid cookery. Fee, \$3.

14.—HOUSE AND HOME. *Four hours credit.*

First Semester.

Senior College. Prerequisite, Elementary Drawing, Elementary and Applied Design, Bacteriology. A series of general lessons in home keeping. A study of the house, its location, lighting, ventilation, plumbing, drainage, water supply and plan. A study is made of cleansing agents, sanitation, fumigation, household pests, the home, the family, its evolution and relations to the home; the house interior, bathrooms, sinks, cellars, ice chests, carpets, furnishings, cost of materials, plan and color schemes for interiors.

16.—TEACHERS' COURSE IN HOME ECONOMICS. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, General Psychology, General Methods and Observation, Home Economics 2, 3, 6, 9, 12 and 14. This course includes methods in both Household Art and Household Science and is required of all persons expecting to be recommended from the department as Household Science or Household Art teachers or supervisors. It includes the study of the history of home economics and education of women, together with studies in equipment and supplies, courses of study and lesson plans. Home Economics classes are observed in different schools.

Latin.

Professor HOLTZ.
Mr. BLACK.

EQUIPMENT.

The department is supplied with maps of the Roman world, Ancient Italy, Gaul, Rome and its environment, the city of Rome and the Roman Forum; also with wall pictures, costumes, and statuary of classical subjects. The library contains a large and well-selected supply of reference books that will compare favorably with similar collections in the leading colleges and universities of the Middle West. Bound sets of the leading classical journals, as well as the current numbers, are always accessible to students. The department owns lantern slides illustrating Cæsar's campaigns, the Saalberg camp, the Story of Æneid, and Roman Antiquities. Students also have the advantage of several hundred post cards and small photographs suitable for use in the reflectoscope, and a carefully developed "Sabin Exhibit."

ENTRANCE.

Students entering with the required units of high-school credit may take any course for which they are prepared, and receive college credit when they satisfy the department that the character of their work is of college grade. Students with no Latin credit will take Elementary

Latin; those with one unit credit will take Cæsar; those with two units, Cicero's Orations; with three units, Virgil's *Æneid*; with four units, Livy or Cicero's Essays. Students who have not had the equivalent of one hour per week in Latin composition for second and third years' work in the high school will be conditioned in composition, pending an examination, or allowed to make up the requirement in the Normal Training High-school classes.

A minimum credit for a year of elementary Latin will count toward graduation. All other courses will be recorded as per catalogue hours.

CHOICE OF OTHER SUBJECTS.

As the work of the student in History, Science, English, Modern Language, Mathematics—in fact in every academic subject is materially aided by the study of Latin, so the student of Latin should enrich his training with courses in the above departments. A student who expects to teach Latin should make special preparation to teach one or two other subjects in order to meet the demands of the average high school. Of the three hundred fifty teachers of high school Latin in Kansas, the majority teach the following combinations: Latin and German; Latin and History; Latin and English; Latin and Science. Our teacher's bureau sometimes has calls for a teacher of Latin and Normal Training; Latin and Music; Latin and Commerce; Latin and Mathematics.

MAJOR AND MINOR.

A major in Latin consists of twenty-five hours above the three years of entrance requirements. A minor of fifteen hours may be selected from any department agreed upon by the student and his adviser. A general foreign language major consists of fifteen hours of college Latin (above the three years entrance requirement), and the same number of hours of college grade in one modern language.

Before completing a major or before securing a departmental or Normal Appointment Bureau recommendation, a student must make satisfactory records in the following courses: Virgil, Cicero's Essays or Livy, Advanced Composition, Latin Grammar, The Odes of Horace. Methods in High-school Latin. The remaining quota of hours will be selected upon consultation with the head of the department. Under minor subjects, any of the following lines are recommended: German, two years (beyond entrance requirement); History, Greek and Roman, Western Europe, American Constitutional Period; General Sociology; Mathematics, Advanced Algebra, Solid Geometry, Trigonometry and Surveying; English (in addition to the regular requirement), Epic Poetry, Tennyson, Shakespeare; Science, Physics, Chemistry, Botany or Zoölogy, Physiology; Pedagogy, History of Ancient Education, Secondary School Administration, History of Philosophy, Psychology of Adolescence.

HIGHER UNIVERSITY DEGREES.

Candidates for the higher degrees in a majority of the universities are held for two to four years of entrance Latin and for a reading knowledge of at least one modern language. Students should not overlook this fact in planning for advanced work in the universities.

1.—ELEMENTARY LATIN I. *Five hours credit.*

Summer Term, and each Semester.

Junior College.

1a.—ELEMENTARY LATIN II. *Five hours credit.*

Summer Term, and each Semester.

Junior College. These courses aim to secure a mastery of the essentials in Latin forms and syntax together with the acquisition of an adequate vocabulary for the reading of short continuous passages. Every effort is made to impress the student with the relation of Latin to the life of to-day. The correlation of Latin with English is especially emphasized. During the second semester the uses of the subjunctive mode are stressed.

2.—CÆSAR. I. *Five hours credit.*

Summer Term and each Semester.

Junior College. Prerequisite, Latin I and II. Books I and II. Extended translation; daily drill in syntax and composition with stress upon case usage. A contrast of Cæsar and the Kaiser in France and Belgium. The German movement westward is as old as Cæsar and Ariovistus. All work prepared with the aim of subsequently teaching the subject. Walker's or Bennett's Cæsar, Bennett's Latin Grammar, Bennett's New Composition, Part I.

3.—CÆSAR II. *Five hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Cæsar I. Books III and IV. Syntax of Modes, careful translation by assignment and at sight. Composition text completed. Campaigns, English derivatives, summaries of Books V-VII. Open to mature students with credit on one and a half years of Latin. Courses I-III recommended to all students of Roman history.

4.—CICERO I.—*Five hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, two years of Latin. The four orations against Catiline. The conspiracy of Catiline with reference to Roman social and political life and comparisons with modern social conditions. Translation by assignment and at sight. Syntactical study stresses conditional sentences. Analysis of each oration. Prose composition based upon the text. English derivatives. D'Ooge's or Johnston's Cicero, Bennett's Latin Grammar, Bennett's and D'Ooge's Composition texts.

5.—CICERO II. *Five hours credit.*

Summer Term, and each Semester.

Junior College. Careful reading of the Manilian Law, Archias and Marcellus. Daily prose based upon text in addition to the regular one hour per week. Incidental study of Roman political institutions. Exercises in translation on sight and hearing. Cicero I and II recommended to those majoring in European History.

6.—VIRGIL I, ÆNEID, I-III. *Five hours credit.*

First Semester.

Junior College. Daily translation. Designed to secure an appreciation of Virgil's style and delineation of character. Studies in mythology and careful practice in metrical reading. Papers and reports. Open only to those who have had three years of Latin not including Virgil. Knapp's Virgil. Bennett's Grammar, Gueber's Myths of Greece and Rome.

7.—VIRGIL II, ÆNEID, IV-VI. *Five hours credit.*

Second Semester.

Junior College. Metrical reading at sight, case and verb constructions, and poetic expressions. Papers and reports. Summary of the remaining books of the Æneid. The author's place in literature. The two courses in Virgil are recommended to all who expect to teach high-school English. Required of all advanced Latin students offering three units for entrance.

8.—CICERO, DE SENECTUTE, AND SELECTIONS FROM DE AMICITIA.

Three hours credit.

First Semester (not offered in 1915).

De Senectute. *Two hours credit*, will be given in Summer Term.

Junior College. Prerequisite, courses 6 and 7. Careful translation by assignment and at sight with daily drill in syntax of modes and tenses; special attention to the classification of subordinate clauses; daily composition based upon the text. Recommended to advanced students of English and to those who continue the study of Latin beyond Virgil. It is suggested that the course in Advanced Composition, two hours credit, be taken at the same time.

9.—LIVY, BOOK XXI, SELECTIONS FROM BOOK XXII. *Three hours credit.*

First Semester.

Junior College. Translation by assignment and at sight. Syntax of modes, tenses, and subordinate clauses. Daily prose based upon the text. It is recommended that students in Livy enroll also for Advanced Composition, two hours.

10.—HORACE: SELECTED ODES AND CARMEN SAECULARE. *Three hours credit.*

Second Semester.

Junior College and Senior College. Translation, analysis, study of Horatian meters. Special topics for reports and papers. It is recommended that the course in Roman private life or the grammar review course be carried in connection with Horace. Required of all who complete a major in the department. Must be preceded by Virgil.

11.—TACITUS: GERMANIA AND AGRICOLA. *Three hours credit.*

Not offered in 1915-1916.

Senior College. Introductory to the language and style of Tacitus. In connection with the translation, matters of historical importance and literary merit are brought out.

12.—LATIN COMEDY: CAPTIVI, AND SELECTIONS FROM THE PHORMIO. *Three hours credit.*

Summer Term.

Junior College and Senior College. Should be preceded by Courses 8 or 9, and 10. Attention given to vocabulary, anteclassical forms and constructions, scansion, and idiomatic English in translation. Students should take 13 or 14 at the same time.

13.—REVIEW COURSE IN LATIN GRAMMAR. *Two hours credit.*

Summer Term, and Second Semester.

Junior College. Open to all students with credit in three years of Latin. Designed especially as a review for high-school teachers. Syntax of dependent clauses, with especial stress upon the subjunctive. Classification of case and mode usages in Cæsar and Cicero. Prose composition. Required of all completing a major in Latin.

14.—ROMAN PRIVATE LIFE. *Two hours credit.*

Second Semester.

Junior College and Senior College. Study of the life, social customs, dress, travel, and kindred topics from the remains of ancient art and archæology, and in particular from the ruins of Rome and Pompeii. Lectures, library research and reports. Use of pictures, lantern slides and models. Designed to supply supplementary knowledge for high-school Latin and history teaching. No prerequisite.

15.—TEACHERS' COURSE IN COMPOSITION. *Two hours credit.*

First Semester.

Junior College and Senior College. Nutting's Advanced Composition or its equivalent. Practice in writing connected discourse. Intended to accompany courses 8 and 9, or 11. Recommended to all who expect to teach Latin.

16.—TEACHING OF SECONDARY LATIN. *Two hours credit.*

Summer Term.

Senior College. Open to all who expect to teach Latin. Course deals with the problems of first and second year, or of third and fourth year, as the class may elect.

17.—ADVANCED CÆSAR. *Three hours credit.*

Second Semester. (Not offered in 1915-1916.)

Rapid reading from books V-VII. A critical study of the Gallic campaigns. Intended as a teachers' review and practice course. Courses in Virgil, Cicero's Essays, Horace, and Advanced Composition should precede. The student is recommended to take Course 13 or 14 along with course 17.

Library Science.

Professor BUCK.

These courses are open to accredited high-school graduates, and may be completed in one year (September-June) if the student so chooses.

The student who takes only library science work is classed as *irregular* and is held to the payment of *irregular* fees indicated under the head of "Fees" on an earlier page of this catalogue, in addition to other fees. Students preparing for positions as librarians should be able to use a typewriter. A fee of \$4 per semester for the use of a machine is charged students taking the course in typewriting.

A maximum of twenty-five hours constitutes a Major in Library Science. A Minor of fifteen hours should be taken from the Department of English, Foreign Languages, History, General Pedagogy or Economics and Sociology.

METHOD OF INSTRUCTION:

There are few textbooks on library subjects, and instruction is largely in the form of lectures and assigned readings, followed by practice work under supervision, with discussion of both theory and practice.

1.—LIBRARY METHODS. *One hour credit.*

Summer Term, and each Semester.

Introduction to arrangement of books in Kellogg Library; use of catalogue and indexes; helps in selection of books for school libraries; guides to choice of books for school libraries; guides to choice of books for individual reading; school and public library interrelations. Includes lessons in library training for use in the grades. Required.

2.—REFERENCE. *Three hours credit.*

First Semester.

Promotes familiarity with well-known reference books, with use of indexes to periodicals and general literature, with general and special cyclopedias, dictionaries, annuals, and ready-reference manuals, by systematic search for material with which to answer typical reference questions. Quite an advantage to the student who elects it early in his course of study.

3.—BIBLIOGRAPHY. *Three hours credit.*

Second Semester.

Supplements the study of reference books and children's literature, bringing to the student knowledge concerning the existence of books in certain selected fields; of what they may do for him, both as helps toward general culture and as tools in grammar grades and high-school work.

4.—PUBLIC DOCUMENTS. *Two hours credit.*

First Semester.

Intended to familiarize the student with the organization and publications of various government departments; methods employed in printing, binding, indexing and distributing; history of government publications; selection of material for school libraries, with value for reference work and supplementary reading as a basis.

5.—CHILDREN'S LITERATURE. *Three hours credit.*

Summer Term, and First Semester.

Consideration of methods of interesting children of grades 1 to 8 in good literature; principles of book selection; study of types of the best modern children's books; establishment of wider knowledge of children's books by actual examination and reading. Better taken in Sophomore than in Freshman year. For best results, General Methods and Observation, Primary Methods and Child Psychology should precede.

6.—STORY TELLING. *Three hours credit.*

Summer Term, and Second Semester.

Aims to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades, including high school. Better following than preceding Children's Literature.

7.—BOOK MAKING. *Two hours credit.*

Second Semester.

Earliest records; history of writing and famous manuscripts; paper making; origin and development of printing; early printer-publishers; noted modern presses; book illustration; bookbinding from the historic point of view; growth of the book trade.

8.—LIBRARY HISTORY. *Two hours credit.*

First Semester.

A study of the foundation and development of leading ancient, mediæval and modern libraries, with special attention to the library movement in the United States, including library Commissions, traveling libraries, and relation of public libraries and public schools.

9.—LIBRARY ECONOMY. *Two hours credit.*

First Semester.

Instruction follows regular library routine—selection of books, order, accession, shelf-listing, preparation for the shelves, binding and repair.

10.—CLASSIFICATION OF BOOKS. *Three hours credit.*

First Semester.

The decimal classification is taught, books being classified by each student, the work revised and discussed in class. The expansive and other systems are described. For book numbers, use of the Cutter alphabetic-order table is taught. Should precede Cataloguing.

11.—CATALOGUING. *Four hours credit.*

Second Semester.

Instruction confined to dictionary cataloguing, special emphasis being laid upon underlying principles. Simplified library school rules, Cutter's rules for a dictionary catalogue, A. L. A. rules, and A. L. A. list of subject headings, are used as basis for instruction. Simple cataloguing for public documents is included.

12.—ORGANIZATION AND ADMINISTRATION. *Two hours credit.*

Summer Term, and second Semester.

Principles applicable to school libraries and to small public libraries. Prerequisite, Public Documents, Library History, Library Economy, Classification of Books, and Cataloguing.

Manual Training.

Professor BRAUCHER.

The courses in Manual Training are outlined with the purpose of giving all teachers who can avail themselves of the opportunity a thorough general knowledge of the subject as used in our public schools as a means of general education. The courses are elective and open to all students who may wish to prepare for teaching handwork in schools. For the purposes of superintendents and principals, and candidates for the Certificate of Special Proficiency in Intermediate and Grammar Grades or Rural School Teaching, the general courses may be modified to meet the particular needs of the individuals electing them. Students majoring in agriculture, physics or mathematics may also have the general courses modified to meet their particular needs. The course in primary handwork is planned with special reference to the needs of primary teachers. The courses in drawing and woodwork are arranged in their order of sequence, and should be taken in regular order unless special reasons show a need for changing it. Our equipment is limited.

A maximum of twenty-five hours constitutes a major in Manual Training. A minor of fifteen hours should be selected from the work of another department. Suggested minors are Agriculture, Physical Training, Physical Science, and Commerce.

1.—MECHANICAL DRAWING. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Plane Geometry. A course in the elements of mechanical drawing, beginning with geometrical constructions and dealing with orthographic, isometric and cabinet projections, surface developments, intersections, shadows, etc. Working drawings are required to give training in the application of mechanical drawing to accurate expression in the industries. An effort is made to get practical results, while at the same time giving as much of the theoretical principles as the time will permit. Supplies, \$2.50 per semester.

2.—FARM CARPENTRY. *Three hours credit.***—SHOP PROBLEMS.** *Two hours credit.*

Summer Term, and each semester.

Junior College. Courses dealing with the problems of the shop, and outdoor construction. It takes up the more important problems of construction, and considers them from the standpoint of the practical carpenter and the mathematician, applying those parts of mathematics that have a practical bearing upon the task in hand. These courses can best be taken together, but credit will be granted for either separately, if the student so elects.

3.—WOODWORKING. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Course 1. A course in elementary woodworking for mature students who have some ability and training in the use of woodworking tools, but have not applied this skill to preparation for manual training. The work at the bench will include exercises in designing and making problems suited to manual training for children in the grades, to give a knowledge of work suitable for the beginner. Deposit for supplies, \$2 to \$5.

4.—JOINERY AND CABINETMAKING. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Courses 1 and 2. A course in advanced woodworking, dealing with more extensive problems in wood construction in which a large use is made of joints and panels. Problems requiring student initiative and adaptation will be assigned, involving practical applications of constructive design and the selection of appropriate principles of construction. Deposit for supplies, \$3 to \$6.

5.—FURNITURE DESIGN. *Two hours credit.*

Summer Term, and Second Semester.

Junior College. Prerequisite, Courses 1 to 4, inclusive. A course in furniture design suitable for advanced manual training projects, including sketches, completed drawings, and rods necessary for making one or more pieces of furniture of correct outlines and proportions in the next course which follows, and should be taken at the same time with it. Deposit, 50 cents to \$2.

5a.—FURNITURE MAKING. *Three hours credit.*

Summer Term and Second Semester.

Junior College. Prerequisite, Courses 1 to 5, inclusive. A course in furniture making, following the designing of same, to give practice in the use of tools, and their application to the special problems of furniture construction. Deposit, \$5 to \$10 for materials.

6.—WOOD TURNING. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, 1 and 2. A course in wood turning beginning with elementary exercises in spindle turning, with applications. Some problems in face-plate and chuck work will be given, together with as wide application of the work to practical construction as time will permit. Deposit for supplies, \$2 to \$5.

7.—PRIMARY HANDWORK. *Two hours credit.*

Summer Term, and each Semester on demand.

Junior College. A course for primary and grade teachers who wish a knowledge of hand work suited to their needs in connection with the regular work. It deals with projects requiring materials suited to the use of children in the first to the fifth grades. Deposit, \$1 per semester.

8.—THEORY AND PRACTICE. *Two hours credit.*

Summer Term, and Second Semester.

Senior College. Prerequisite, sixteen hours Manual Training. A methods course, required of students expecting to qualify for Manual Training Certificate, and offered to advanced students of education, without the prerequisites, who wish to learn something of the content of manual training for administrative purposes. No tool work is offered in this course, but the time will be given to readings, reports, and discussions of the theory and practice of manual training in education. Courses of study, textbooks, equipments, supplies, etc., are studied.

Mathematics.

Professor LINDQUIST.
Associate Professor ELLIS.
Mr. KELLER.
Miss HANSEN.

A maximum of twenty-five hours constitutes a major in Mathematics. A minor of fifteen hours should be taken from Physics, Commerce, Manual Training, or Modern Languages.

1.—ADVANCED ARITHMETIC. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, one year each of algebra and of geometry. Not a review of grade arithmetic but an advanced course designed to give teachers a broader and more comprehensive view of the science together with material for classroom use. A historical survey of our system of numbers and measures, the relation between numbers. The fundamental principles, their applications and interrelations. The unification of the subject matter. Graphic arithmetic.

2.—TEACHING OF ARITHMETIC. *Two hours credit.*

Summer Term and each Semester.

Junior College. Prerequisite, course 1 or its equivalent. Arithmetical language, relation of numbers, literal arithmetic, oral work, drills securing of interest. Eliminations, additions and modifications of the course of study. A study of each topic taught in the grades from the standpoint of position in the course of study, importance, relation to other topics of arithmetic and to other studies, its general application and best methods of presentation.

3.—ADVANCED ALGEBRA AND ITS APPLICATION. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, one year each of algebra and geometry. The fundamentals of algebra and the reasons underlying the fundamental operations with positive and negative exponents. A review of factoring. Theory of exponents, surds and imaginaries. Theory of quadratic equations in one and in two variables, with applications. Graphs. Ratio, proportion and variation. Series, limits, logarithms, and use of the slide rule. Applications of algebra to physics, mechanics, mensuration and numerous vocations.

4.—SOLID GEOMETRY. *Three hours credit.*

Summer Term and Second Semester.

Junior College. Prerequisite, one year each of algebra and plane geometry. Straight line in space, the plane and the more common solids as parallelopiped, prism, pyramid, cylinder, cone and sphere. Application to problem throughout.

5.—TRIGONOMETRY. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Course 3, or its equivalent. Plane trigonometry; trigonometric functions, solution of right triangles by use of natural functions, solutions of the right and of the oblique triangle by logarithms, radian measurements, trigonometric equations and numerous applications to practical problems. Right spherical triangles.

6.—SURVEYING. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 5. May be taken simultaneously with Course 5, which is recommended. A practical supplement to the course in trigonometry dealing with its most common applications. For this reason it is advisable to have the two taken simultaneously. Sufficient work is done with the transit and level to familiarize the students with the ordinary work of the surveyor.

7.—COLLEGE ALGEBRA. *Five hours credit.*

Each Semester.

Junior College. Prerequisite, Course 3 or a satisfactory equivalent. Functions and graphs. Inequalities. Complex numbers. Theory of equations. Permutations, combinations and probabilities. Determinants. Partial fractions. Logarithms. Series.

7a.—COLLEGE ALGEBRA. *Three hours credit.*

Summer Term only.

Junior College. Prerequisite, same as for 7. Selected topics from the regular Course 7, which will be of greatest value to the student in his future study of mathematics. Intended for students attending the summer session who cannot take Course 7 during the year.

8.—ANALYTICS. *Four hours credit.*

First Semester.

Senior College. Prerequisite, Course 5. It is advised that Course 7 either precede or accompany it. Coördinates, locus of an equation, equation of a locus, straight line, the more common curves as circle, parabola, etc., and the relations between them. Plane analytics only will be considered.

9.—CALCULUS. *Seven hours credit.*

Through the year. Three hours first, and four hours second Semester.

Senior College. Prerequisite, Course 8. Differentiation, higher and partial derivatives, maxima and minima of functions, curvature, tracing of simple curves, indeterminate forms, series, the expansion of functions and numerous applications to problems in mechanics and physics. Integration, reductions to standard forms, use of integrating tables, definite integrals, finding of areas, volumes, lengths of curves, numerous applications to problems of physics. Differentiation and integration will be carried on simultaneously so as to bring out the connection between them the more clearly.

10.—ASTRONOMY. *Two hours credit.*

Summer Term, and First Semester.

Senior College. Prerequisite, plane geometry. The usual work of descriptive Astronomy will constitute the course.

11.—TEACHING OF SECONDARY MATHEMATICS. *Four hours credit.*

Summer Term, and Second Semester.

Senior College. Prerequisite, Course 5. A critical historical survey of recent and present day movements in the teaching of secondary mathematics, correlation of subjects, creation of interest, tests and examinations, definitions and axioms. Consideration of the topics of algebra, geometry and elementary trigonometry from the standpoints of presentation, placing of emphasis, difficulties and their remedies, making of problems and the collection of data for the same, historical points of reference connected with each.

12.—HISTORY OF MATHEMATICS. *Two hours credit.*

(Not given 1915-1916.)

Senior College. Prerequisite, Courses 5 and 7.

Modern Languages.

Professor DUDLEY.
Miss BROOKOVER.
Miss STADLER.

The equipment of the Department of Modern Languages consists of about five hundred department books in the library, including a fairly complete list of reference books, a complete set of two hundred twenty volumes of the Deutsche National-Litterateur and a set of the Allgemeine Deutsche Biographie, one philological, one pedagogic, two literary periodicals, a weekly German newspaper, and one French periodical, a wall map of France, and two physical maps and one political map of Germany, a wall map for Schiller's Wilhelm Tell, a set of eight Holzel and Holz pictures for use in free composition and in methods, a spectroscope and several hundred postcards of various parts of Germany and France, and illustrating various phases of life in those countries, an increasing collection of framed prints and photographs including those of statesmen and writers, Kürschner's Das ist des Deutschen Vaterland; Könnecke's Bilderatlas zur Geschichte der deutschen Nationalliteratur. La France, a finely illustrated geographical description of France in two volumes.

MAJOR.

A maximum of twenty-five hours of college German, to which two units of high-school German or the equivalent are prerequisite, constitutes a major in German. If no entrance credit is offered in German a minimum of ten hours of college work must be taken in the department before credit will be given toward graduation. Students choosing a general language major may elect, in addition to the entrance requirement in language, a minimum of fifteen hours of college German with fifteen hours of Latin, or French.

MINOR.

A minor of fifteen hours must be selected from the work of other departments. The following minors are suggested: History, English. Science, General Pedagogy, Latin. In addition to the major and minor requirements students majoring in German are urged to take the following subjects which broaden and strengthen the major: Advanced English, six to eight hours; French, ten hours; European History, six to eight hours; Sociology, three to six hours; Public Speaking, three hours.

1.—ELEMENTARY GERMAN I. *Five hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite in German. Texts: Gohdes and Buschek's *Lern-und Lesebuch*, 75 pages. Walter Krause's *First German Reader*, 30 pages. The course includes a scientific study of pronunciation by the application of the principles of phonetics; also reading, practice in memorizing prose and poetry, reproduction, writing from dictation, and free composition based on one Holzel and Holz picture. The purpose of the course is to lay foundations for reading, speaking and writing the German by giving as much of a feeling for the language as possible. The work is done chiefly in German.

2.—ELEMENTARY GERMAN II. *Five hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Elementary German I, or one unit of high-school German. The texts used in the preceding course are finished and some short story of literary value, such as Gerstäcker's *Germelshausen*, is read. The work begun in the preceding course is continued along all lines. The aim of the first year of German is to give the students as large and practical a vocabulary as possible, together with such elements of grammar as are necessary to reading and speaking and writing simple German. Strong emphasis is laid on clearness and accuracy. The course is conducted chiefly in German.

3.—INTERMEDIATE MODERN PROSE. *Five hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, courses 1 and 2 or two units of high-school German. The course is intended to strengthen the student's feeling for the German prose of to-day. Fulda's *Unter vier Augen*, Wildenbruch's *Das edle Blut* or *der Letzte*, Seidel's *Leberecht Hühuchen*, and Baumbach's *Der Schwiegersohn*, or other works of similar character are read. A grammar review of nouns and adjectives is conducted by dictation by means of notebooks, and prose composition is based on the texts used. Some attention is given to the literary form, and to the authors of the work read. Largely in German.

4.—INTRODUCTORY CLASSIC COURSE. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, courses 1, 2 and 3 or the equivalent. Schiller's Wilhelm Tell, or die Jungfrau von Orleans, and Schiller's Ballads are read. A beginning is made in the study of Schiller's sources, and the form of the drama studied is carefully outlined, based upon Freytag's Technik des Dramas. The students are required to give reports or to write a term theme on the life of Schiller based on Thomas or Kühnemann. Chiefly in German.

5.—GOETHE, OR LESSING. *Three hours credit.*

Summer Term, and First Semester.

Junior College. Prerequisite, courses 1, 2, 3, 4. The course consists of an intensive study of one of the above mentioned authors by reading two or more of his works, in connection with his biography, and such a survey of the German literature of the period as is necessary to an understanding of the value of his work.

6.—ADVANCED GERMAN COURSE. *Two hours credit.*

Summer Term, and First Semester.

Junior College. Prerequisite, German 4, or the equivalent. The course provides a careful review of the principles of grammar based on Thomas's Practical German Grammar. It includes also composition based on the text and free composition based on assigned subjects. It is particularly valuable for teachers of high-school German, and is required for all students majoring in German.

7.—ADVANCED COMPOSITION. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, Course 6. The course is intended to follow and supplement Course 6, and is required of students majoring in German. The texts are Lambert's German Idioms, and Whitney and Stroebe's German Prose Composition. To meet an often expressed need for more familiarity with German idioms the first of the above texts is used for oral composition, the students being required to use certain assigned idioms in a talk in German on a subject chosen by themselves. The second text is used for the formal translation of English into German.

8.—SCIENTIFIC PROSE. *Five hours credit.*

On sufficient demand.

Junior College. Prerequisite, German 1, or its equivalent. The course is intended for students majoring in mathematics or the sciences and who desire to acquire a scientific vocabulary. Only a reference book in grammar, such as Bernstorff's, A handbook of German grammar, is used with the texts read. Wallenten's Grundzüge der Naturlehre and other texts of graded difficulty are read, or translated rapidly. There is no composition and no conversation.

9.—NINETEENTH CENTURY FICTION. *Three hours credit.*

On sufficient demand.

Senior College. Prerequisite, Courses 5 and 6. The aim of this and the following course is to introduce the students to the men and movements which have had a determining influence in the shaping of modern German literature. Kleist, Eichendorff, Keller, Meyer, Fontane, Rosegger, Sudermann are studied in representative works.

10.—NINETEENTH CENTURY DRAMA. *Three hours credit.*

On sufficient demand.

Senior College. Prerequisite, Courses 5 and 6. Witkowski's German Dramatists of the Nineteenth Century is used in connection with dramas read from Kleist, Grillparzer, Hebbel, Ludwig, Hauptmann, and Sudermann. Much of the work is done in German.

11.—SCHILLER. *Three hours credit.*

On sufficient demand.

Senior College. Prerequisite, Courses 5 and 6. The aim of the course is to acquaint the student with the various periods of Schiller's literary activity by the study of his dramas. *Die Räuber*, or *Kabale und Liebe*, *Don Carlos*, and *Maria Stuart*, or selections from *Wallenstein* are read.

12.—GERMAN LITERATURE I. *Two hours credit.*

On sufficient demand.

Senior College. Prerequisite, Courses 5 or 11, and 6 and 7. The history of German literature from the earliest times to the Reformation, based on Francke, Scherer and Robertson. Selected readings and reports by members of the class.

13.—GERMAN LITERATURE II. *Two hours credit.*

On sufficient demand.

Senior College. Prerequisite, Course 12. From the Reformation to the end of the nineteenth century.

14.—DRAMATIC READING. *One or two hours credit.*

Second Semester.

The course consists of committing the parts of a drama, with special attention to pronunciation and expression. Open to students by invitation.

15.—PHONETICS. *Two hours credit.*

Summer Term, or on sufficient demand.

Senior College. Open to students by consent of the instructor, but required of students majoring in German. The course consists of a careful study of the organs of speech by means of plates, casts, and stereoscopic views; the study of the formation of German speech sounds from the point of view of the organs of speech, and the phenomena of the sounds themselves, the classification of the sounds according to their position and formation; the practical application of the principles studied by means of reading, and the study of sentence stress, or accent.

16.—TEACHING OF SECONDARY GERMAN. *Two hours credit.*

Summer Term, and on sufficient demand.

Senior College. Required in the junior year for students majoring German. This course deals with the educational value of the German, and the principles underlying the teaching of living languages; with the aims of a course in high-school German and the methods of preparing and presenting the material in the texts from the standpoint of the aims, and also of arousing and increasing the interest of the pupils; with the methods of increasing the pupil's vocabulary, and ability to speak the German; with supplementary material—pictures, games, songs, proverbs, riddles, dialogs, and the organization of a high-school course in German.

17.—TEACHERS' COURSE. *Two or four hours credit.*

On sufficient demand.

Senior College. Prerequisite, Course 16. Required in the senior year of all students majoring in the department. This course consists of twenty-five minutes practice teaching daily for one semester in the seventh or eighth grade of the Training School under expert supervision, together with the collection and preparation of material, the study of methods of presentation of the material, of games, songs, and plays. This part of the course gives two hours credit. Observation of classes in high-school German taught by regular instructors of the department with written reports and a prescribed course in reading on the aims and methods of teaching German give two hours additional credit, but may or may not be taken at the option of the head of the department.

FRENCH.

The courses offered in French have as their aim to give a reading knowledge of the language, and such a glimpse of French literature as is possible in so short a course. The pronunciation is taught, phonetically and as much of the work as possible is done in French. Students majoring in German are urged to take at least a year of French. French may be included in a general language major, or students may elect French as a cultural subject, or with a view to graduate work. A minimum of ten hours of French may be offered for credit toward graduation.

1.—ELEMENTARY FRENCH I. *Five hours credit.*

First Semester, and Summer Term on sufficient demand.

Junior College. No prerequisite in language. Texts: Colin and Serafon's Practical Lessons in French Grammar, twenty-two lessons, Talbot's *Le Français et sa Patrie* seventy-five pages. This course includes careful drill in pronunciation, mastery of the rudiments of the grammar in the lessons studied, easy exercises in composition, practice in dictation, memorizing, and free composition. Partly in French.

2.—ELEMENTARY FRENCH II. *Five hours credit.*

Second Semester.

Junior College. Prerequisite, Elementary French I. Colin and Serafon's Grammar is completed; also the reader and stories and plays such as Bedolliere's *La Mere Michel et Son Chat*, Labiche-Martin's *Le Voyage de Monsieur Perrichon*, Halevy's *L'Abbe Constantin* are read. Work in writing and speaking is continued as in French I.

3.—MODERN FRENCH. *Four hours credit.*

On sufficient demand.

Junior College. The course consists of reading works of Augier, Daudet, Balzac, Maupassant and George Sand, and Grandgent's *Prose Composition*. Prerequisite, French I and II, or its equivalent.

4.—SEVENTEENTH CENTURY DRAMATISTS. *Three hours credit.*

On sufficient demand.

Junior College. Prerequisite, Modern French. Moliere's *L'Avare* and *Tartuffe*; Racine's *Athalie*, Corneille's *Le Cid*. An outline history of French literature.

Music.

FRANK A. BEACH, Director Department of Music, Professor of Voice, Theory and Public School Music.

EVALINE M. HARTLEY, Voice Training.

ETHEL HEIDEMANN, Piano.

FLORENCE HOBART, Piano, Pipe Organ, Voice and Accompanying.

JOSEPH KITCHEN, Stringed Instruments, Band, and Orchestra.

HARRY R. MURRISON, Voice, Glee Clubs.

BERENICE RICE, Piano and Theory of Music.

MABELLE SHELTON, Methods, Supervision in Normal Training High School.

E. ANNA STONE, Piano for children; Methods.

CATHERINE STROUSE, Supervisor in Training School; Methods.

JO SHIPLEY WATSON, Piano, Methods.

APPLIED MUSIC AND THEORY.

With the present season the Department of Music enters upon its fourteenth year as a department of the Normal School. During that time the different courses have developed in scope and variety to meet the increasing and growing demand for music instruction. The

department now occupies a building of its own, with well-equipped studios, classrooms, piano and practice rooms. The library contains a choice collection of books for reference, and vocal and instrumental scores, numbering over four hundred complete works. These increased facilities have made it possible to offer superior advantages in applied music (piano, voice, violin, and pipe organ), in class instruction dealing with the theory and history of music, music appreciation, and musical analysis.

It is the plan of the work to give the student who wishes to complete a course in the above-named branches an opportunity to receive a general academic equipment, a thorough preparation for the profession of teaching, specific training in music, and proficiency in public performance. Those students who can spend only a part of their time in the study of music may take up special work, suited to their needs and attainments, thereby increasing their efficiency as teachers in the public schools. The courses offered include elementary and advanced instruction in piano, voice, violin, sight reading, accompanying, and the study of selections suitable for kindergarten, primary and general school exercises; also short and practical courses in the history and appreciation of music, harmony and musical analysis suitable for grade and high-school instruction.

The work of the year is interspersed with public recitals and concerts given by pupils and members of the teaching staff. A number of organizations are also maintained by the department. Two orchestras, a band, men's and women's glee clubs, the Treble Cleff Club, and the Musical Art Society are organizations free to students who can derive benefit therefrom. The Choral Union—the all-school chorus for which credit is allowed—affords opportunity for study of the oratorios and large secular compositions. (See Public School Music, Course 12.)

The giving of credit in certain courses depends largely upon the relative gain in proficiency, account being taken of the varying degrees of natural ability and previous training.

Credit is allowed for all work satisfactorily completed in class recitation as stated after each course; students enrolled in individual instruction—piano, voice, or violin—will be granted credit applicable as an elective for any certificate or for the degree course upon the basis of two hours for biweekly lessons for a semester.

Due credit will be allowed upon examination for satisfactory work done in accredited institutions.

Several courses which are both cultural and practical, are offered, to prepare the prospective teacher and principal to mold the taste of his school and community along musical lines.

A maximum of twenty-five hours constitutes a major in Music. A minor of fifteen hours may be taken in Drawing or English, or English combined with Public Speaking and Expression. Courses in Physical Training and in Kindergarten and primary subjects may be offered as part of a minor.

PUBLIC-SCHOOL MUSIC.

A comprehensive and practical course for teachers and supervisors of music has been in operation for six years. A large number of graduates are successfully teaching in Kansas and in adjoining states.

In addition to the academic work deemed essential for a proper general equipment, there is offered specific training in sight singing, ensemble practice, elementary harmony and ear training; courses in the appreciation of music, both for the development of the individual and for teaching purposes; definite experience in the planning of outlines for the various grades and high school, as a part of the course in public-school music methods; instruction in individual voice production and singing, as well as in the care and development of children's voices; experience in chorus conducting, and practice teaching of classes of children in the Training School and in the high school under the criticism of a supervisor of wide preparation and experience.

The teachers engaged in this work number five, and have been especially prepared in this country and in Europe. The close correlation between the methods courses and practice teaching in the Normal Training High School and in the Training School affords unusual opportunity for the acquisition of theory and its application in the various subjects related to the teaching of music in the public schools.

1.—ELEMENTARY SIGHT SINGING. *Two hours credit.*

Each Semester.

Deals with the elements of music, rote singing, the facts of time and tune with their staff representation, leading to the reading of one-part music. Students who have had some sight reading may enter Music 1a. Students electing music for the Certificate for Special Proficiency in Intermediate and Grammar Grade Teaching, Primary Teaching or Kindergarten Teaching should take this course. A student electing music for any certificate or for the degree should select Elementary Sight Singing as the *first* two hours credit.

1a.—RAPID ONE-PART SINGING. *Two hours credit.*

Each Semester.

Open to students who have had Course 1, or music prior to college entrance.

2.—INTERMEDIATE SIGHT SINGING. *Two hours credit.*

Second Semester.

This course is designed to succeed 1 or 1a.

3.—ADVANCED SIGHT SINGING. *Two hours credit.*

Second Semester.

Sight reading in three and four parts. Writing and recognition of intervals and chords. Open to students who have had four hours college work in sight singing and to others especially qualified.

4.—KINDERGARTEN AND PRIMARY MUSIC METHODS. *Two hours credit.*

Summer Term, and second half of each Semester.

Students electing music for the Certificate for Special Proficiency in Kindergarten or Primary Teaching should take this course together with Public-school Music 1, or 1a, or 2.

5.—MUSIC METHODS FOR GRAMMAR GRADES. *Two hours credit.*

Summer Term, and first half of each Semester.

Prerequisite, Course 2, or equivalent. An outline of the work of the various grades, choice and use of material, voices and interpretation. Students electing music for the Certificate of Special Proficiency in Intermediate and Grammar Grade Teaching should take this course.

5a.—TEACHING OF SECONDARY MUSIC. *Two hours credit.*

Open to those who have completed requirements for supervisor's certificate.

6.—SYSTEMS. *One hour credit.*

A comparative study of the several systems of public-school music and their application. Open to students who are specializing in the department. Prerequisite, Courses 1, 2, and 5.

7.—EAR TRAINING. *Two hours credit.*

Singing and recognition of triads, seventh chords, and modulation. Prerequisite, six hours sight singing.

8.—INDIVIDUAL PRACTICE TEACHING. *One hour credit.*

Dealing with monotones and deficient pupils under supervision.

9.—RURAL SCHOOL TEACHERS' COURSE. *Three hours credit.*

Summer Term.

This course deals with the subject matter and methods of public-school music for ungraded and small schools in third-class cities. Drill in rhythm, intervals and individual singing are included. Students electing music for Certificate for Special Proficiency in Rural-school Teaching should take this course.

10.—LIBRARY READING. *One hour credit.*11.—CHORUS CONDUCTING. *One hour credit.*

This includes the problems of classifying voices, effective arrangement of parts, selection of material, correct use of baton, and the securing of variation in tempo and dynamics.

12.—CHORUS SINGING I. *Two hours credit.*

Throughout the year, at 7 p. m.

For the study of cantatas and oratorios. Open to all students in high school and college. Two hours credit for two semesters' rehearsals or the equivalent.

13.—CHORUS SINGING II. *Two hours credit.*

Throughout the year, at 7 p. m.

14.—ADVANCED ENSEMBLE PRACTICE. *Two hours credit.*

First Semester.

A practical study of the various vocal forms, including chant, anthem, cantata, oratorio, and opera. Open to advanced students or especially qualified under-classmen.

15.—APPRECIATION OF MUSIC I. *One hour credit.*

Summer Term, and first half each Semester.

Designed for beginners. No prerequisite. The purpose of the course is to acquaint students with standard vocal and instrumental compositions, and to enable them to listen discriminately. For study and illustration there are employed records for the Victor and Columbia, together with rolls for the Pianola.

16.—APPRECIATION OF MUSIC II. *One hour credit.*

Summer Term, and second half each Semester.

Prerequisite, Appreciation I. A study of musical composition through the analysis of characteristic vocal and instrumental forms. Typical operas of Verdi and Gounod and some well-known sonatas and symphonies of Beethoven and his predecessors. In order to make possible a closer acquaintance with the compositions studied, as well as a familiarity with the phonograph and piano player, students who are enrolled will be allowed, under certain regulations, to use the instruments. As a protection against damage to records and rolls a small laboratory fee may be required.

17.—A CAPELLA ENSEMBLE I. *One hour credit.*

Unaccompanied chorus work in girls' and men's choruses. Prerequisite credit, four hours of sight singing.

18.—A CAPELLA ENSEMBLE II. *One hour credit.*

A continuation of course 17, and leads to the presentation of simple operettas and cantatas, suitable for high-school students.

19.—SIGHT SINGING FOR SUPERVISORS. *Two hours credit.*

Drill in advanced and rapid sight reading. Prerequisite, six hours of sight singing.

20.—ELEMENTS OF THEORY AND EAR TRAINING. *Two hours credit.*

Required of all certificate candidates. Separate sections for students of public-school music and students in applied music.

THEORY, HISTORY AND ANALYSIS OF MUSIC.

21.—HARMONY I. *Three hours credit.*

Each Semester.

The fundamental principles of the theory of music are embodied in the study of harmony, which treats of the different intervals and chords in their natural relations and combinations. The subdivisions of the subject are as follows: Scales, intervals; triads, sixth, seventh and ninth chords, with their inversions; cadences, modulations; harmonizing melodies.

22.—HARMONY II. *Two hours credit.*

Second Semester.

Chromatically altered chords; augmented chords; suspensions; passing and changing notes; modulation; organpoint; analysis; ear training; original work in harmonizing melodies.

23.—HARMONY III. *One hour credit.*

Upon sufficient demand.

A short analytical course in the fundamental principles of harmony, including scales, intervals, triads and seventh chords. Designed especially for school teachers who desire a brief and practical working knowledge of harmony, with only a limited amount of written work. The application of the subject to the structure of school music will receive special attention.

24.—HISTORY OF MUSIC I. *Two hours credit.*

First Semester.

This is a literary course, which does not require special technical skill; it is open to all students who have practical knowledge of vocal or instrumental music. The work includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; and the polyphonic era.

25.—HISTORY OF MUSIC II. *Three hours credit.*

Second Semester.

Modern music and musicians; biographies and the works of the great composers of the classic, romantic and modern schools. The history of the opera, cantata, oratorio, symphony, and various other forms are studied in detail.

26.—HISTORY OF MUSIC III. *Two hours credit.*

A short but comprehensive course in the History of Music. This is designed for students desiring to make a general survey of the subject, particularly for use in public schools. No previous training is required.

27.—MUSICAL ANALYSIS I. *One hour credit.*

First half of First Semester.

The courses in musical analysis are for students who wish to understand and appreciate the works of the great composers. The work of this course consists of lectures and recitals on instrumental forms. The symphony, sonata, string quartette and the smaller forms, are analyzed and explained. Representative types are played in the class.

28.—MUSICAL ANALYSIS II. *One hour credit.*

Second half First Semester.

A study of the construction of vocal forms, including the opera, oratorio, cantata and smaller forms. The work is supplemented with vocal illustrations.

29.—COUNTERPOINT I. *Three hours credit.*

First Semester.

Counterpoint applies the principles of harmony to the melodious treatment of the several voice parts in combination. The study of this subject naturally follows that of harmony, and develops the contrapuntal facility necessary to all forms of composition. The work includes strict counterpoint; the various orders of modern counterpoint; double and triple counterpoint.

30.—COUNTERPOINT II. *Two hours credit.*

Second Semester.

Counterpoint in five or more parts; vocal counterpoint analysis; exercises in free composition.

31.—NORMAL CLASS I. *One hour credit.*

Second Semester.

A special course for students preparing themselves as teachers. The work embraces lectures on methods and materials for teaching beginners; papers and discussion by students.

32.—NORMAL CLASS II.

A continuation of the preceding course dealing with methods and material for intermediate students.

33.—ENSEMBLE PLAYING OR SINGING I. *One hour credit.*

Throughout the year.

Time to be assigned by the instructor. Ensemble playing classes in piano and violin meet weekly for the study of concerted music. Four- and eight-hand music and chamber music for stringed instruments form the basis of the work. This practice enables the pupil to become acquainted with many masterpieces and receive training in sight reading and accompanying.

34.—ENSEMBLE PLAYING OR SINGING II. *One hour credit.*

Throughout the year.

Advanced ensemble playing; continuation of Course 1. Time to be assigned by the instructor.

35.—COMPOSITION. *Five hours credit.*

Each Semester.

Requirements: A knowledge of the principles of harmony. Pattern melodies for imitation; structure, period, etc.; the theme and its transformations; periods with regard to their thematic treatment; harmonic accompaniment of melodies of own invention; cadences; imitation, inverted and mixed; canon, fugue; dance, song composition; the form of the rondo and sonatina.

36.—STUDY OF THE ORCHESTRA. *One hour credit.*

Constitution of the orchestra; and the possibilities of high school and amateur organizations.

37.—SIGHT READING AND ACCOMPANYING I. *One hour credit.*38.—SIGHT READING AND ACCOMPANYING II. *One hour credit.*39.—CHILD VOICE AND SONG LITERATURE. *One hour credit.*40.—NOTATION AND TERMINOLOGY. *Two hours credit.*

PIANO.

PREPARATORY GRADE.

Designed for young pupils who have completed the beginning grade and for adults who have had only an elementary training in music. For the last-mentioned class, the work is shaped so as to include what may have been lacking in previous study.

Repertoire. For the completion of this grade students will be required to play from the following list of compositions or other pieces of equal difficulty four selections: Little Preludes, J. S. Bach; two Songs without Words, Mendelssohn; sonata, Mozart; one sonatina, opus 49, No. 0 or 2, Beethoven; opus 15 or opus 124, Schumann; a prelude and nocturne by Chopin; Arabesque, Heller; The Butterfly, Merkel; Serenade, Sinding.

INTERMEDIATE GRADE.

Repertoire for the completion of this grade must include four of the following or selections of equal difficulty: Two-part Invention by Bach; Little Fugues, Bach; opus 16, Mendelssohn; a number from Suites, Handel; Fantasie, opus 25, No. 3, Sinding; Polonaise, opus 40, Chopin; LeCoucou, Daquin.

CERTIFICATE GRADE.

Repertoire of a student completing this grade must comprise compositions similar to the following: Three-part Inventions, Bach; French or English Suites, Bach; one selection, Scarlatti; Sonata, Beethoven; one selection, Tchaikowski; one selection, McDowell; Humoresque, Dvorak; Prelude in C Sharp Minor, Rachmaninoff; one Rondo or Impromptu, Chopin; Sonata, Schubert. From this list a candidate must play six numbers.

DIPLOMA GRADE.

Advanced work in technical studies for phrasing; development of natural style and cultivation of dramatic expression; study of piano accompaniments; oratorio and operatic selections; practical work in musical pedagogy; public recital.

GRADUATE COURSE.

Repertoire of English, French, German and Italian songs; technical exercises and vocalises; recitations, arias and ensemble music from standard operas and oratorios; concert selections; public recital; from the works of modern and classic composers.

VIOLIN.

Careful study in holding the violin, position of the body, placing of fingers in different keys; fundamental principles of bowing; elementary studies by Wichtl, Alard; violin duets by Mazas and Pleyel; Kayser studies, book 1; easy solos.

Scale studies in all keys, varied fingering and simple bowing; arpeggio forms in first and third positions; Kayser studies, book 2; Mazas *Études spéciales*; studies by David; small classical solos with piano accompaniment.

INTERMEDIATE GRADE.

Studies in all positions; special studies in changing of positions; Kayser studies, book 3; sonatinas and small sonatas with piano; technical studies by Schradieck and Sevcik; duets by Viotti and Mazas; concertos by Viotti and Rhode; instructive excerpts from works of classic and modern composers. Scales in all positions, major and minor, in thirds and octaves; Kreutzer studies; advanced studies in double-stopping by Sevcik; Beriot *Scene de Ballet*, Wieniawski *Mazurkas*, Beethoven violin and piano sonatas.

CERTIFICATE GRADE.

Selected studies by Kreutzer; Schradieck technic studies, books 2 and 3; Rhode caprices; Bach, concerto for two violins; concertos, sonatas and the study of recognized solos for public performance.

DIPLOMA GRADE.

Spohr's *Violinschule*, Fiorillo exercises, advanced technical studies; Mendelssohn E minor concerto, Bruch concerto, Vieuxtemps *Ballade* and *Polonaise*, Beethoven Kreutzer sonata, Ensemble playing, public recitals.

GRADUATE COURSE.

Bach sonatas for violin alone. Beethoven violin concerto; virtuos studies by Gavinies; Wieniawski *Faust-Fantasie*, second concerto; Vieuxtemps *fantasia appassionata*; Saint-Saëns violin concerto; Brahms' sonatas.

Organization and conducting of small symphony orchestra. A practical course for violin students and such others as may be able to derive benefit therefrom. One hour credit.

Intermediate students are afforded opportunity to practice ensemble playing, and advanced pupils may have the privilege of orchestral practice without additional charge.

ORGAN.

This course is designed to furnish a foundation in technical training to students desiring to fit themselves to be church organists. The completion of the preparatory course in pianoforte or its equivalent is a prerequisite for admission. The work offered includes the construction of the organ from a mechanical standpoint; instruction in manual and pedal technics and registration. Studies employed comprise works of Clemens, Douglas and Buck; compositions by Merkel, Dubois, Smart, Faulkes, Guilmant and Bach; also a careful study of hymns and accompaniments to solos and anthems.

BRASS INSTRUMENTS.

Excellent opportunity is offered to students who wish to learn to play brass instruments and instruments of the wood-wind group. Mr. Albert Weatherly, who has had thorough training in this particular field at St. John's Military School, New York, has been engaged for this work. Students who have played instruments of any sort should not fail to bring these with them, even though they have no expectation of studying. The orchestras and Normal band offer opportunities for both pleasure and service to all musical students, whether enrolled in the School of Music or the Normal proper.

DEPARTMENT REGULATIONS.

All tuition is payable strictly in advance, at the beginning of each term. All work in this department is suspended on legal and school holidays, as given in the calendar of this catalogue. Students may enter at any time. However, it is best to enroll at the beginning of a term. All lessons lost by absence or tardiness of the pupil will be the pupil's loss, unless reasonable previous notice of the expected absence is given, in which case the lesson will be made up within the term only. A record is kept of all completed work in technical and theoretical music. Students must complete a full term of lessons or class work in order to receive a grade for the work. Students leaving or discontinuing lessons during the term time forfeit all payment, except in case of protracted illness, in which case the balance will be allowed upon a subsequent term, or half the loss will be borne by the department. All students who wish to take up work in this department must receive an assignment card from the director of music. This card must be stamped by the registrar and bur-sar and presented to the instructor for signature and returned to the office of the director of the department.

RATES OF TUITION.

For a term of eighteen lessons the fees are:

PIANO AND PIPE ORGAN.

Juvenile course	\$9.00
Advanced juvenile	10.50
Beginning grade	10.50
Preparatory grade	13.50
Intermediate grade	15.00
Certificate grade	18.00
Diploma grade	18.00
Post-graduate work	24.00
Pipe organ	18.00
Class lessons	3.00

VOICE.

Preparatory grade	\$13.50
Intermediate grade	15.00
Advanced grades	18.00
Special training for the speaking voice and stringed instruments	18.00

VIOLIN.

Juvenile course (in class or with assistant) ..	\$9.00
Preparatory grades	13.50
Intermediate grades	15.00
Advanced grades	18.00

MANDOLIN, GUITAR AND BAND INSTRUMENTS.

Band and orchestral instruments.....	\$13.00
Mandolin and guitar	10.00

THEORY AND HISTORY OF MUSIC.

In the courses in theory and history of music there are nine weeks in a term. The rates per term are:

Harmony, in class	\$5.00
History of music, in class	5.00
Counterpoint, in class	10.00
Fugue and instrumentation, in class, each.....	10.00
Private lessons in any of the above courses....	15.00

For a half term of lessons, or one lesson per week, the rate is one-half the tuition for a term plus \$1.00.

RENT OF INSTRUMENTS.

One hour a day, for a term of nine weeks. Two or more hours at the same rate.

Pianos and practice claviers	\$1.80
Pipe organ	8.00

Lessons in piano, voice and violin are theoretically half-hour periods; where necessary for the passing to and from the classes the actual time may be twenty-five minutes.

A limited number of free and partial scholarships, it is expected, will be available for talented students who are unable to pay regular rates. These will be granted at the beginning of the year upon written application and examination.

The Public School Music classes are free to any student regularly enrolled.

General Pedagogy Group.

Professor TRIPLETT.
 Professor KELLY.
 Professor MONROE.
 Professor CULTEE.
 Professor CAROTHERS.
 Professor HARRIS.
 Professor ALDER.
 Associate Professor DE VOSS.

A major of twenty-five hours may be taken from selected courses in the general pedagogy group. The courses for a minor of fifteen hours may be taken from the Departments of Biological Science or Economics and Sociology. The courses in Physiology and Hygiene may be offered as part of a minor.

PEDAGOGY SEMINAR. *One hour credit.*

Summer Term, and each Semester.

The class will meet for a double recitation period once in two weeks. A course in research for advanced students, conducted by all the instructors giving work in general pedagogy. Problems in educational and clinical psychology, school administration, city and rural, history and principles of education, are studied. To be taken only on consultation with the men in the department. This course is the outgrowth of what has been known as "The Psychology Club."

KINDERGARTEN.

Professor ALDER.

The Kindergarten Department offers to four-year high-school graduates and those with equivalent training a two-year college course. Students are encouraged, however, to continue their work through the four years, that they may receive the degree of bachelor of science (in educa-

tion), and more thoroughly equip themselves as teachers. The department aims to give a thorough and practical training to those who desire to fit themselves to become kindergarten directors. It also offers helpful courses to students specializing in primary work. The department includes, besides the training class, a well-equipped kindergarten. Here the students are given ample opportunity for observation and practice in teaching. The Kindergarten Department, as an integral part of the large whole, seeks to keep in close touch with the broadening educational field, and to bring its practices into accord with modern thought and methods. Each year brings an increased demand for well-trained kindergartners in Kansas, as each year sees new kindergartens added to our city school systems.

1.—PRACTICE TEACHING IN KINDERGARTEN I. *Four hours credit.*

Each Semester.

Prerequisites, general methods and observation, kindergarten technics, handwork, plays and games. Students spend two and one-half hours daily observing and teaching in the kindergarten under supervision. They prepare lesson plans and attend conferences.

2.—PRACTICE TEACHING IN KINDERGARTEN II. *Four hours credit.*

Summer Term, and each Semester.

A continuation of Course I. Students teach and observe in the kindergarten two and one-half hours daily under supervision, prepare written plans and attend conferences. Each student is responsible for a group of children, and is called upon to take charge of the kindergarten at stated times.

3.—KINDERGARTEN TECHNICS. *Two hours credit.*

First Semester.

A study of the activities of young children. An analysis of the common play materials of children as a basis of determining the principles governing the selection and use of materials in the kindergarten. The Froebelian gifts; the principles on which they were planned. Modern adaptations and modifications of these. Practice in manipulation of materials. A study of methods in the use of materials.

4.—HANDWORK FOR THE KINDERGARTEN AND PRIMARY GRADES. *Three hours credit.*

Second Semester.

A study of the principles and methods which give educative value to handwork for young children. The aim is to discuss and use practically materials in which may be found the beginnings of art and of industry, and also materials which meet the constructive instinct as it functions in the play life of the child.

5.—PLAYS AND GAMES. *Two hours credit.*

Summer Term, and First Semester.

A study of the different periods in a child's development, the instincts, impulses and natural play activities of each period. The significance of play as a factor in education; its relation to work. A study of different types of games. Selection and adaptation of games for kindergarten and primary use. The actual playing of games.

6.—KINDERGARTEN THEORY. *Two hours credit.*

First Semester.

This course aims to give an insight into child nature and its needs as a basis for kindergarten procedure. The work is carried on by means of observation of children in kindergarten and home, by the study of Froebel's "Mother Plays and Education of Man," and of other child-study literature. A comparison is made between the kindergarten procedure as developed by Froebel and that of to-day, reconstructed in the light of modern genetic psychology and child study.

7.—KINDERGARTEN PROGRAM. *Two hours credit.*

Second Semester.

Prerequisites, Kindergarten Technics, Handwork, Plays and Games and Kindergarten Theory. The study of kindergarten activities and materials leading to the organization of a kindergarten program. The principles controlling such an organization. Each student will be required to write in outline a year's plan of work for a kindergarten, and will also plan the equipment for a kindergarten.

8.—WEEKLY CONFERENCE. *No credit.*

One hour each week throughout the Kindergarten course.

Required of all kindergarten students. A study of the kindergarten program as it is carried out from week to week in the Normal School kindergarten, with a discussion of subject matter, materials and methods, and a study of individual children. This course forms the class conference for those doing observation and practice teaching in the kindergarten.

METHODS.

Professor KELLY.
Professor HARRIS.

1.—GENERAL METHODS AND OBSERVATION. *Three hours credit.*

Summer Term, and each Semester, and the last half of the Second Semester.

Junior College. Required for the Three-year State Certificate and for the Life Certificate. This is a foundation course for teachers and deals with the principles involved in selecting subject matter and methods of instruction which are best adapted to accomplishing the functions of education. These principles are illustrated in observation lessons in the Training School. (Kelly.)

2.—PRIMARY METHODS. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, General Methods and Observation. The purpose of this course is to offer in lecture form a critical study of methods of presenting the principal subjects of instruction in the lower grades. This work is more extended and definite on the various subjects than is possible in the limited time available in connection with the academic and advanced treatment of the same. The teacher will be led to test methods and to govern their application by the laws of the mind. After each subject is completed, illustrated lessons will be given with the pupils of the first three grades of the Training School.

(1) *Primary Methods*—Meaning and purpose.

(2) *Reading*—A study of methods, past and present.

The teacher's problems in connection with "beginning Reading" without text. The teacher's problems when using the text. Thought work, including expression, dramatic work, etc. Mechanics, melodic phonics, word study, drills, etc. Lists of the best readers.

(3) *Nature Study and Language*—Selecting the material for nature study. How used as a foundation for the language work. The purpose of language in the lower grades. The use of the picture, poem and story, and how correlate with the nature work. Mechanics of language.

(4) *Primary Numbers*—A study of methods, past and present. The teacher's guide in selecting and presenting material. What shall we teach? How? Means of presenting new ideas through use of objects, construction work, etc. Drills—purpose of. Formal drills, devices, games, etc.

(5) *Geography*—Its place in the primary course. Life work and map work throughout the lower grades. Home or local geography. Outdoor and field lessons, excursions to shops, etc. The use of sand modeling, posters, stories, pictures, etc., in teaching primary geography.

(6) *Music*—The two phases of work—rote singing and the mechanics of music. Value and use of each. Tone work, breathing, rhythm, ear training, eye training; analysis of songs, and how to teach them. (Harris.)

PRACTICE TEACHING.

Professor KELLY.

PRACTICE TEACHING. *Four hours credit.*

Summer Term, and each Semester.

Required for the Life Certificate except for students who secure the degree of B. S. in Education at the same time that they secure the Life Certificate. Prerequisite for taking the course in Practice Teaching are the following:

I. General Methods, Observation, and School Administration.

II. Thirty hours credit in college courses which must include for teaching,

A. In the Kindergarten:

- (a) Kindergarten Observation
- (b) Kindergarten Technics
- (c) Handwork
- (d) Plays and Games.

B. In the Primary:

- (a) Primary Methods.

C. In Intermediate and Grammar Grades:

- (a) Either two special methods courses from the following:
 - 1. Physiology and Hygiene for the grades.
 - 2. General Science for the grades.
 - 3. Geography for the grades.
 - 4. History for the grades.
 - 5. English for the grades.
 - 6. Arithmetic for the grades.
- (b) Or, two special methods courses from the following:
 - 1. Physical Training.
 - 2. Manual Training.
 - 3. Domestic Science and Art.
 - 4. Drawing.
 - 5. Music.
 - 6. Penmanship.

(Each of the Special Methods courses listed under (C) presupposes and is built upon a thorough knowledge of the subject matter appropriate to each subject.)

D. In the Secondary School:

- (a) In nearly all departments, ninety hours of college credit.
- (b) The special Teachers' Course in the chosen department.

It is the aim of the Training School to provide either observation or carefully planned and closely supervised teaching for five hours per week throughout a semester. As complete responsibility as is consistent with the welfare of the children, is given to each student teacher in all matters pertaining to the control and instruction of his class. The unusual opportunities afforded by the extensive children's library, the well-equipped gymnasium, the laboratories for cooking, sewing, manual training, and the natural sciences, and the studies of art and music, make possible a very high type of instruction in all departments of elementary as well as secondary work.

PSYCHOLOGY AND PHILOSOPHY.

Professor TRIPLETT.
Associate Professor DE VOSS.

PSYCHOLOGY.

1.—GENERAL PSYCHOLOGY. *Three hours credit.*

Summer Term and each Semester.

Junior College. Required for Life Certificate and a prerequisite for all other psychological and philosophical courses. A systematic treatment is given with some attempt at pedagogical application. Some experimental work in the line of illustration, a number of class experiments, and special topics for individual study and report are given. Should be taken in sophomore year; by permission may be taken in second semester of freshman year.

2.—CHILD PSYCHOLOGY. *Two hours credit.*

Each Semester.

Junior College. Elective. Course 1 is a prerequisite. Treats generally of the mental development of children, aiming to give a point of view. Seeks to give a knowledge of the nature and needs of the child at the different periods of his growth. Direct observations are made and various investigations studied.

3.—GENETIC PSYCHOLOGY I. *Two hours credit.*

Second Semester.

Junior College. Elective. In this course a study of the behavior of animals is made, and comparisons drawn with human activity, especially that of children. All psychology is becoming genetic and functional in character, and a proper study of life activities of any kind, and especially those bearing upon education, must take into account this development phase of the subject. Given in alternate years.

4.—GENETIC PSYCHOLOGY II. *Two hours credit.*

Second Semester.

Junior College. Elective. Prerequisite, General Psychology. A study of the behavior of primitive man, tracing his mental, moral, religious, æsthetic, social and industrial development in those aspects which concern the genesis of the subject matter of education. A special reference to the mental life of the child among primitive people.

5.—PSYCHOLOGY OF RELIGION. *Two hours credit.*

On sufficient demand.

Junior College or Senior College. Open to students above the Freshman year. Elective. A study of the psychological phases of religion, with the aim of improving the quality of religious pedagogy, particularly in Sunday-school and missionary work.

6.—SOCIAL PSYCHOLOGY. *Two hours credit.*

First Semester.

Junior College or Senior College. Elective. Prerequisite, Course 1. A study of those interests and instinctive tendencies of the mind that are the result of the community life of the race. It is meant to throw light on the nature of society and to give a basis for a more truly social pedagogy.

7.—EDUCATIONAL PSYCHOLOGY. *Three hours credit.*

Second Semester.

Senior College. Required. In this course important topics in psychology are treated in their educational aspects. Many of these—of the utmost value for the teacher—such, for instance, as the learning process, economical methods of memorizing and making associations, the education of the senses, intelligence tests, etc., have little or no space in the ordinary text book. Each student also, as a special study, is required to deal with the psychology of some subject in the curriculum, as the psychology of spelling, of reading, of arithmetic, and the like.

8.—PSYCHOLOGY OF ADOLESCENCE. *Three hours credit.*

Summer Term, and First Semester.

Senior College. May be taken in place of Course 7. A study of the important physical, mental and moral changes which are natural to adolescence. Given with the aim of laying a foundation for the pedagogy of secondary instruction.

9.—CLINICAL AND ABNORMAL PSYCHOLOGY. *Three hours credit.*

Second Semester.

Senior College. A study which includes disturbances and defects of personality. A study of the arrested and dull, the gifted and the genius. Attention is given also to the psychology of capacities and the Binet measuring scale of intelligence and other mental tests, using Whipple's Manual. The various phases of the psychology of tension and catharsis, the methods of psycho-analysis, including the association method, hypnotism, etc., are given some attention.

PHILOSOPHY.

10.—ETHICS. *Three hours credit.*

First Semester.

Junior College or Senior College. Elective. This course begins with a study of the developmental side of the subject. Attention is then given to the systematic side and practical applications made.

11.—HISTORY OF PHILOSOPHY. *Four hours credit.*

First Semester.

Senior College. Elective. This course includes: (1) Greek and Roman Philosophy, with the emphasis on Plato and Aristotle. (2) Mediæval philosophy, a rapid survey of early Christian and scholastic philosophy. (3) Modern philosophy, from Descartes to Kant. In connection with the outline given, the masterpieces are read so far as time permits.

12.—PHILOSOPHICAL SYSTEMS. *Three hours credit.*

Second Semester.

Senior College. Elective. A systematic study of historical and current systems, such as materialism, realism, the various brands of idealism, etc.

13.—PROBLEMS IN MODERN PHILOSOPHY. *Two hours credit.*

First Semester.

Senior College. Elective. A study of certain tendencies in modern thought, such as absolute idealism, pragmatism, Bergsonism, etc. The content of this course varies with the time of offering it. Timeliness is made the guide.

SCHOOL ADMINISTRATION.

Professor MONROE.

Professor CAROTHERS.

1.—HISTORY OF MODERN EDUCATION. *Three hours credit.*

Second Semester.

Senior College. Beginning with the work of Rousseau and Pestalozzi, the development of our schools, their curriculum and the methods of teaching, will be examined in some detail. Special emphasis will be placed upon educational progress in the United States, and the whole account will be brought down to date. Recent and present educational progress will be considered.

2.—THE HISTORY OF ANCIENT EDUCATION. *Three hours credit.*

On sufficient demand.

Senior College. Open to students who have studied ancient history. This course aims to be of service to students intending to become secondary school teachers of Greek and Roman history or Latin. Important phases of the life of the Greeks and Romans of the several periods are studied, in order to gain a clear conception of the evolution of the educational ideals and practices of these people and the influence of these ideals and practices upon Greek and Roman life.

3.—PRINCIPLES OF EDUCATION. *Three hours credit.*

Summer Term, and First Semester.

Senior College. Prerequisite, Educational Psychology or Psychology of Adolescence. Required of all degree students. This course is devoted to a consideration of the function of the school as an institution of society, the curriculum and the principles underlying the administration of the curriculum.

4.—GRADED SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, General Methods and Observation. This course includes readings and reports upon the technique of classroom management and the study of the theory and practice of measuring the product of teaching. Emphasis will be given to the tests, scales and standards which have been devised.

5.—EDUCATIONAL ADMINISTRATION. *Three hours credit.*

Summer Term, and Second Semester.

Senior College. A course dealing with scientific management applied to the problems of education. This includes the use of educational measurements and standard tests as tools for supervision. A course for superintendents and principals.

6.—EDUCATIONAL RESEARCH. *Hours of credit to be arranged.*

Upon sufficient demand.

Senior College. A course for advanced students. It may be taken by correspondence.

7.—THE HIGH SCHOOL. *Two hours credit.*

Summer Term, and Second Semester.

Senior College. The course is designed for high-school teachers, principals and superintendents. The growth and development of the American high school; the origin of secondary curricula; major problems of high-school administration, with special reference to problems in Kansas high schools are considered. This is a practical course for high-school teachers and administrators.

RURAL SCHOOL ADMINISTRATION.

Professor CULTER.

1.—RURAL-SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

Junior College. This course is intended for those who are interested in rural schools or intend to teach in consolidated or small village schools. It consists of a study of the school site and grounds, modern schoolhouses, school hygiene and sanitation, training of teachers, play and playgrounds, the library and its uses, agriculture, consolidation, standardization of rural schools, etc. Emphasis will be placed on conditions as they exist in the country, and how to bring about a closer union of school and home.

2.—COUNTY SUPERVISION. *Two hours credit.*

First Semester.

In this course a study is made of certain sections of the Kansas school law, comparing our laws with those of other states. Other subjects considered are office work and the making of official papers, organization and administration of rural schools, maintenance of schools, supervision of rural schools, schoolhouse and grounds, consolidation, etc., using as a text Cubberley's Rural Life and Education and the Twelfth Yearbook of National Society for the Study of Education.

3.—RURAL LIFE PROBLEMS. *Three hours credit.*

Second Semester.

Junior College. This course consists of a discussion of the problems of rural life under the general topics of The Rural Problem, Rural Industrial Problems, and Rural Social Problems. We consider the specific problems of isolation, tenancy, roads, movement of farm population, home environments, schools, the church, farm organizations, social life, etc.

4.—NEEDED SCHOOL LEGISLATION. *Two hours credit.*

Will not be offered during 1915-1916.

Junior College. The class will meet one evening each week for two recitation hours. The purpose of this course is to make a comparative study of the school laws of the different states and the various educational reports, with a view to framing one or more educational bills.

5.—VACATION ACTIVITIES FOR CHILDREN. *One hour credit.*

First Semester.

Junior College. This course has for its problem the determining what activities are suitable for children during the summer vacation, how the expenses of such activities may be met, and what preparation a student needs to make in order to fit himself for the work of conducting these activities of children in a town or city during the summer vacation. No text is used, but the student is required to do library work and to take notes of the lectures given by different persons and write a paper on the subject at the close. Two books which will be found very helpful in this work are "The Wider Use of the School Plant," by C. A. Perry, and "Playground Technique and Play Craft," by Arthur Leland.

Physical Sciences.

CHEMISTRY.

Professor MAYBERRY.

The Chemistry Department occupies commodious quarters in Norton Science Hall. In addition to a large lecture room with a demonstration table, there are two well-lighted laboratories, a weighing room, a store-room and an office. Recently much valuable apparatus has been installed and such supplies purchased as will permit of the very highest grade of work in all lines of analytical chemistry. There are few laboratories anywhere better equipped for the work performed by a normal school. The object of this department is to give students a clear insight into this very important science and at the same time train teachers for successful instruction in our best high schools and academies. A fee is charged in each course to cover the actual cost of chemicals and breakages.

A maximum of twenty-five hours constitutes a major in Chemistry. A minor of fifteen hours should be taken from one of the following departments: Physics, Home Economics, Biological Science, Agriculture, and Mathematics.

1.—GENERAL CHEMISTRY. *Five hours credit.*

Summer Term, each Semester, and the April-August Semester.

Junior College. This is a course in inorganic chemistry. It includes a study of the fundamental principles and laws of the science, with a detailed study of both nonmetallic and metallic elements. Much practice in writing reactions and solving chemical problems is given. General experiments and demonstrations accompanying the daily recitations, and a minimum of four hours a week laboratory work is required.

2.—CHEMISTRY OF EVERYDAY LIFE. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Course 1. This is a practical course designed to make clear the chemical phenomena of everyday life. Simple tests are applied to water, air, milk and other foods to determine their purity. A careful study is made of the use of soaps and the removal of stains.

3.—QUALITATIVE ANALYSIS. *Five hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Course 1. This course covers the detection of metallic and nonmetallic ions and the analysis of salts and ores. It is almost wholly a laboratory course. A minimum of eight hours laboratory work and one hour recitation each week is required.

4.—QUANTITATIVE ANALYSIS. *Five hours credit.*

Summer Term, and Second Semester.

Junior College or Senior College. Prerequisite, Course 3. This course includes both gravimetric and volumetric methods of quantitative analysis. It is a laboratory course, requiring a minimum of eight hours laboratory work and one hour recitation each week.

5.—ORGANIC CHEMISTRY. *Five hours credit.*

Each Semester.

Junior College or Senior College. Prerequisite, Course 1. The aim in this course is to give a comprehensive view of the various classes of hydrocarbons and their derivatives through the study of some selected types. This is a text-book course, with a minimum of thirty-two hours of laboratory work during the course.

6.—AGRICULTURAL CHEMISTRY. *Three hours credit.*

Summer Term, and First Semester.

Junior College or Senior College. Prerequisite, Course 3. The application of chemistry to the study of solid, soil analysis, plant nutrition, and soil fertilization. The general relation of chemistry to various farming operations will be studied.

7.—SPECIAL ANALYSIS. *Three hours credit.*

By appointment.

Junior College or Senior College. Prerequisite, Course 4. A course intended for students desiring to work out problems in rock, soil, food, etc. Analysis. The work is arranged to suit the needs of the individual students.

8.—INORGANIC CHEMISTRY. *Four hours credit.*

By appointment.

Junior College or Senior College. Prerequisite, Chemistry I. The work covered is practically the same, but of a more advanced nature, intended for those who wish to teach Chemistry or desire a more extended knowledge of the subject.

Physics.

Professor TIDD.
Mr. DRAKE.
Mr. VAN VORIS.

This department is located on the third floor of Norton Science Hall, occupying a suite of the following rooms: Lecture room, elementary laboratory, advanced laboratory, light laboratory, photographic laboratory, department library, and office. Comprehensive equipment is furnished for the elementary courses, while recent additions of high-grade apparatus make this one of the most complete laboratories to be found in any normal college. Current is supplied to all parts of this floor from a thoroughly up-to-date type of switchboard designed and built in this department. A gasoline engine is provided for study purposes. The heating and power plant has also been developed into a laboratory for study purposes.

MAJOR AND MINOR.

A major in Physics consists of twenty-five hours above the high-school course, while a minor of fifteen hours is required. It is suggested that a minor taken from any of the following departments will prove a desirable combination for teachers: Mathematics, Chemistry, Agriculture, Manual Training, Home Economics, or Biological Sciences. A minor may be chosen by the student from other departments if it seems to meet the individual needs.

LABORATORY WORK.

Nearly all the courses require laboratory work and with few exceptions the work is individual. The hours for laboratory work will be indicated under the different courses in the program. Any exceptions to these made necessary by conflicts in the student's program must be made through consultation with the head of the department.

LABORATORY DEPOSIT.

A laboratory deposit of \$1.00 is required in the following courses: 1, 2, 3, 4, 6, 8, 9, 10, 13, and 14, to be returned to the student at the close of the course after the charges for breakage have been deducted. A fee of \$2.00 is charged in course 11 for material used.

1.—MECHANICS OF SOLIDS AND FLUIDS, SOUND, AND HEAT. *Five hours credit.*

Each Semester.

Junior College. Prerequisite, one year each of algebra and geometry, and a strong course in high-school physics. It is recommended that trigonometry be taken before this course, or at the same time with it. The subject matter is presented with the view of furnishing a practical knowledge as well as the development of the cultural aspects. (Tidd, Drake, Van Voris.)

2.—LIGHT, MAGNETISM, AND ELECTRICITY. *Five hours credit.*

Each Semester.

Junior College. Prerequisite, Course 1, or its equivalent. The viewpoint is the same as in the previous course. The applications of heat, light, and electricity in the home, on the farm, and in the school are taken up in an applied way. (Tidd, Drake, Van Voris.)

3.—ADVANCED MECHANICS OF SOLIDS AND FLUIDS, AND HEAT. *Five hours credit.*

First Semester.

Junior College. Prerequisites, Courses 1 and 2, and trigonometry. It is strongly urged that the student have a knowledge of analytic geometry and calculus. The subject matter in the latter part of this course is treated in an applied way with reference to heating and ventilating systems, the steam engine, the gas engine, etc. (Drake.)

4.—ADVANCED ELECTRICITY, MAGNETISM, AND LIGHT. *Five hours credit.*

Second Semester.

Junior College. Prerequisites, same as in Course 3. This course treats the subject in an applied way with reference to the usual applications of electricity on the farm, in the school, and in the home. It deals with light from the optical standpoint and takes up the illumination of school buildings and rooms. A careful study is made of the ordinary optical instruments, the photographic camera, and the stereopticon. (Tidd.)

5.—TEACHING OF SECONDARY PHYSICS. *Two hours credit.*

Second Semester.

Senior College. Prerequisites, open only to those specializing in this department as a teachers' course and might well be taken in connection with 5a. Student must have had at least ten hours of college physics before undertaking this course. It takes up the organization of secondary physics courses, the equipment of laboratories, economical purchase of apparatus and supplies, care of apparatus, arrangement of laboratory, and a comparative examination of texts and manuals. (Tidd, Drake, Van Voris.)

5a.—PRACTICE TEACHING OF PHYSICS. *Two hours credit.*

Each Semester.

Senior College. Prerequisites, open only to those majoring in this department. It is suggested that this work be done in connection with Course 5, or by those who have had some experience in teaching physics. It consists of teaching laboratory classes in high-school physics under critic supervision. (Tidd.)

6.—HOUSEHOLD PHYSICS. *Three hours credit.*

First Semester.

Junior College. Prerequisites, a good course in high-school physics and open only to those specializing in home economics. A course of lectures and laboratory work treating of labor-saving devices in the home, the principles of heating, ventilating, and lighting, of color phenomena, musical instruments, and of electrical appliances used in the home. (Tidd.)

7.—SEMINAR AND CLUB. *Two hours credit.*

Each Semester.

Senior College. Prerequisites, at least ten hours of college physics. An exhaustive study is made by members of the club of such problems of schools as can best be dealt with from the standpoint of the physicist, *e. g.* heating, ventilating and lighting systems of public-school buildings, projection in the public schools, acoustic properties of school buildings, color effects, etc. The results of these researches are printed in bulletin form and distributed to the schools of this state. (Tidd.)

8.—FARM PHYSICS. *Five hours credit.*

Second Semester.

Junior College. Prerequisites, high-school physics, and must be specializing in agriculture. It takes up soil physics, farm machinery, electric light for the farm, rope tying, and such other topics as will give the best preparation in this line of work. (Van Voris.)

9.—ADVANCED D. C. AND A. C. ELECTRICITY. *Six hours credit.*

Second Semester.

Senior College. Prerequisites, Course 4, or its equivalent. Four hours of the credit are earned in this course by the study and solution of problems in electricity in all its common applications, and in electrical machinery, and two hours credit in the laboratory work connected with it. (Tidd.)

10.—PHYSICS OF COMMON THINGS. *Two hours credit.*

Each half of Second Semester.

Junior College. Prerequisites, for those majoring in grade and rural-school work. Treats the common physical phenomena in relation to everyday life, and furnishes abundant illustrative and suggestive material for the public-school teacher to make use of in various classes.

11.—LABORATORY TECHNIQUE. *Two hours credit.*

Second Semester.

Junior College. This is a laboratory and shop course in the making of simple apparatus for the high-school laboratory. Simple lessons are given in the handling of glass-molding, blowing, etc. Instructions will be given in the making of lantern slides, and students will be enabled to make up slides and apparatus to take with them to their schools.

12.—SOUND FOR MUSIC STUDENTS. *Two hours credit.*

First Semester.

Junior College. Prerequisites, high-school physics. This course is designed especially for those who are specializing in music, and is to give them a physical basis for their musical studies. It is viewed from the acoustical standpoint. The theory of the production of sound in the various musical instruments is taken up and the work is rendered thoroughly practical in this line.

Physical Training.

CLAIR K. TURNER, Director of Physical Training for Men.

MISS MABEL L. SMITH, Director of Physical Training for Women.

HOMER W. HARGISS, Athletic Coach.

ALVIN L. BABB, Instructor in Physical Training for Men.

MISS BERNICE E. JOHNSON, Instructor in Physical Training for Women.

MISS IRENE A. WATSON, Instructor in Physical Training for Women.

MISS BERNICE GALLAGHER, Instructor in Physical Training for Women.

MISS EDNA McCULLOUGH, Instructor in Physical Training for Women.

The courses in this department are designed to improve the bodily health and personal efficiency of the students, and to enable them to carry into the schoolroom the knowledge of how to make it a place of normal and symmetrical growth. Work in this department is required of all students, unless regularly excused on account of physical infirmities. In such cases special corrective work can be taken under prescription by the physical directors.

Gymnasium Fee.—A fee of one dollar is charged each semester for the use of the locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fees.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer terms alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation costume is worn in all classes. It consists of a white sleeveless shirt, white track pants and white tennis shoes. The suits complete can be secured from local dealers at the cost of two and one-half dollars.

Gymnasium Costume for Women.—The regulation costume is worn in all classes. This consists of a black serge gymnasium suit and broad-toed black tennis shoes, sold by local merchants. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report at the director's office, where the second-hand suits of out-going students will be sold for about four dollars, or where new ones may be ordered for five dollars. Only *regulation* suits will be allowed on the floor.

A major in Physical Training consists of all the theory courses offered, practice courses giving two hours credit each semester, and the following courses in other departments: Human Anatomy, Physiology, Hygiene and Sanitation, Physiology of Alimentation and Dietetics, First Aid to

the Injured, Histology, Psychology of Adolescence, and Child Psychology. A minor of fifteen hours for men may include the following: Biological Sciences, Physics, Chemistry, and General Sociology; for women, General Sociology, Plays and Games in the Kindergarten Department, Fundamentals of Expression, Story Telling, and courses in Public School Music.

THEORY.

MEN'S AND WOMEN'S DEPARTMENTS.

- 1.—PLAYGROUND SUPERVISION AND INSTRUCTION. *Three hours credit.*

Summer Term, and each Semester.

This course is half theory and half practice. The theoretical work deals with the psychology of play, adaptation of play to varying ages, necessity of supervision of play, construction and equipment for playgrounds, organization and daily programs; history and literature of the playground movement. Half the time of this course is devoted to the study and practice of playground games suitable for school children of the intermediate and upper grades.

- 2.—HISTORY OF PHYSICAL EDUCATION. *Two hours credit.*
Each Semester.

- 3.—MASSAGE AND REMEDIAL GYMNASTICS. *Three hours credit.*
Second Semester.

Prerequisite, Human Anatomy. Students in this course are given two hours of lecture work a week and are required to do practice teaching three hours a week in a corrective class. In this course are taught massage movements for the different parts of the body. Exercises are also given for drooping head, round shoulders, hollow back, spinal curvature and other mal-positions which should be corrected in the schoolroom.

- 4.—METHODS AND PRACTICE TEACHING. *One-half hour credit.*

Required of all women students the last semester of their second college year. This course is especially designed for those who will teach in rural and graded schools. Special attention is given to playground games, organized sports and athletics, and management and equipment of the playground. Teaching in the Training School is required.

- 5.—THEORY OF COACHING AND MANAGEMENT OF MEN'S ATHLETICS. *Three hours credit.*

In this course a study is made of the different methods of teaching and coaching the major sports. The student gets a working knowledge and the finer points of football, baseball, basket ball and track athletics. Systematic written outlines are prepared and followed throughout the course.

- 6.—GENERAL TECHNIQUE. *Two hours credit.*

For two-year college students who are completing their required work in physical training. Methods of handling classes in tactics, free-hand exercises, nomenclature and progression of exercises on heavy apparatus are taught.

- 7.—ELEMENTARY AND RURAL SCHOOL METHODS. *One hour credit.*

Designed to give the student a working knowledge of playground and indoor games suitable for pupils of elementary and rural schools. Special attention is given to the arrangement of games and the manner of scoring game contests and play festivals. May substitute for one semester of required gymnastics.

8.—METHODS OF PHYSICAL TRAINING. *Two hours credit.*

Summer Term, and each Semester.

Required of students majoring in Physical Training. In this course are given methods for handling classes in the different phases of work. A critical study is made of tactics, gymnastics, folk dances, games and apparatus work and their relation to the school curriculum.

9.—APPLIED ANATOMY. *Two hours credit.*

Lectures and demonstrations dealing with joint mechanisms, working forces, and effects of postures and movements.

10.—ANTHROPOMETRY. *One hour credit.*

Includes a study of relationship between different parts of the body of the same individual, between different individuals, between an individual and the type to which he belongs. The laws of normal growth are studied. The value of the different measurements and proportions of the body with instructions and practice in the correct methods of taking and recording them.

11.—PRESCRIPTION OF EXERCISE. *Two hours credit.*

One hour a week. Open to students who wish to specialize in this department. In this course the student not only learns how to make and record the physical examinations, but to detect physical defects and give correct exercises to remedy them.

12.—ANATOMY. *Five hours credit.*

(See Human Anatomy, Department of Physiology and Hygiene.)

13.—PHYSIOLOGY. *Three hours credit.*

(See Department of Physiology and Hygiene.)

14.—FIRST AID TO THE INJURED. *One hour credit.*

(See Department of Physiology and Hygiene.)

15.—HISTOLOGY. *Two hours credit.*

(See Department of Physiology and Hygiene.)

16.—PSYCHOLOGY OF ADOLESCENCE. *Three hours credit.*

(See Department of Psychology and Philosophy.)

17.—CHILD PSYCHOLOGY. *Two hours credit.*

(See Department of Psychology and Philosophy.)

PRACTICE.

MEN'S DEPARTMENT.

Required, one hour per semester for the Freshman and Sophomore years. (Three hours' work per week in gymnastics or athletics during one semester gives a one-hour credit.) Regular attendance is required at these exercises and records are kept of attendance and proficiency.

Since the midwinter is best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

2.—ELEMENTARY GYMNASTICS. *One-half hour credit.*

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3.—INTERMEDIATE GYMNASTICS. *One-half hour credit.*

Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling. Prerequisite, Course 2.

4.—ADVANCED GYMNASTICS. *One-half hour credit.*

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. Prerequisites, Courses 2 and 3.

5.—FOOTBALL. Given during the fall only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

6.—BASKET BALL. Classes are organized throughout the year. The A. A. U. game is taught to elementary classes and the intercollegiate game to the first and second teams.

7.—BASEBALL. Given in season. Individual and team practice. The squad is divided into teams graded according to ability.

8.—TRACK AND FIELD ATHLETICS. Given in season, only to men in good physical condition as shown by physical examination. Cross-country running is given in season.

9.—TENNIS. Given in season. Tournaments in both singles and doubles are held.

10.—SWIMMING. Elementary and advanced instruction is given throughout the year.

11.—MAJOR TEACHING. *Two hours credit.*

Students who are proficient in some line of athletics or gymnastics and have completed satisfactorily the courses in General Technique may do two hours of their four hours' practice teaching requirement in the department of Physical Training.

In the practice of indoor and outdoor sports, attention is given to form and technique; adaptability of the individual to the various sports; conditions; rules and methods of scoring; team work and strategy. Teams for intercollegiate competition are maintained in football, basket ball, track athletics and tennis.

The rules governing eligibility for participation in intercollegiate contests are those of the Kansas College Athletic Conference.

WOMEN'S DEPARTMENT.

Purpose: The aim of the department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and systematic development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results be obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them, as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playgrounds athletics, games, and folk dances.

Two-year College Course.

Required, one hour per semester. (Three periods of work per week in gymnastics, athletics or other elective work during one semester of eighteen weeks gives one hour credit.)

- 2.—ELEMENTARY GYMNASTICS. Required of all beginners. Three periods a week for a half semester.
- 3.—INTERMEDIATE GYMNASTICS. Required of all students who have completed Course 2. Three periods a week for at least one semester.
- 4.—ADVANCED GYMNASTICS. Open only to students who have passed Course 3 with high grades and physically adapted to apparatus exercises.
- 5.—PRACTICAL GYMNASTICS. Required of all students during their second year of college work. Three periods a week. Special attention is given to gymnastics, games and folk dances, suitable for the schoolroom and playground.
 - (a) During the first nine weeks of this course, students who have a good posture and accurate form in their work may be allowed one period for athletic or æsthetic work.
 - (b) During the last nine weeks the students learn to teach, in the corrective classes, prescriptions of exercises that may be used to correct common physical defects in children and older girls.
- 7.—CORRECTIVE GYMNASTICS. Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.
- 8.—OUTDOOR SPORTS. Open to all students who have completed two terms of gymnastics. Three periods a week in season. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics and relay racing.
- 9.—SOCCER. Open to students who have passed eighteen weeks of gymnastics. One period a week for the one semester.
- 10.—BASKET BALL. Open only to students who are physically qualified and who have passed Course 2.
- 11.—BASEBALL. One period a week in season.
- 12.—HOCKEY. One period a week in season.
- 13.—TENNIS. Open to all students having the privilege of electing athletics. One, two, or three periods a week.
- 14.—SWIMMING. One lesson a week is allowed each student.
- 26.—ÆSTHETIC DANCING (elementary). Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized, and is now considered one of the most important phases of gymnastic exercise.
- 27.—FOLK DANCING (intermediate). One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.
- 28.—ÆSTHETIC DANCING (intermediate). Open to all students who have completed Course 26.

- 29.—FOLK DANCING (intermediate). One period a week. Open to all students who have completed Course 27.
- 30.—FENCING. One period a week.
- 35.—INDIAN CLUBS. One period a week.
- 36.—CROSS BALL. One period a week.

Public Speaking and Expression.

Professor GILSON.
Mr. LASHER.

It is the purpose of the Department of Public Speaking and Expression to enable its students to speak the English language distinctly and correctly; to express the masterpieces of literature with true meaning and feeling; to address an audience easily and effectively; and to have so thorough a knowledge of the methods used that they may teach the subject wisely.

A major in Public Speaking and Expression is made up of all the courses offered in the department, together with courses selected from other departments with consent of the head of the Department of Public Speaking and Expression. A minor must be taken from the work of another department. Suggested minors are English, and Economics and Sociology. Folk and Æsthetic Dancing and Vocal Music courses may be submitted as part of a minor with consent of the head of the Department of Public Speaking and Expression.

1.—FUNDAMENTALS OF EXPRESSION. *Three hours credit.*

Summer Term, and each Semester.

Junior College. A course in the underlying principles of expression, including training in voice, pronunciation and bodily expression as applied to interpretation of literature. The course is designed to help teachers make all oral exercises in the classroom intelligent and pleasing. Some practice will be given in story telling, and causes and remedies for defective speech will be considered.

2.—DRAMATICS. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Course 1, or its equivalent. A course in presentation of farces and plays. The aim of the course is to gain a clear understanding of the dramatic form in literature and to give the student practical knowledge of how to stage a play.

3.—ARGUMENTATION AND DEBATE. *Two hours credit.*

Each Semester.

Junior College. A good text is used for the basis of actual work in debate. The matter of debate work considered both as to form and matter.

4.—PUBLIC SPEAKING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. A course in extemporaneous speech. Phillip's Effective Public Speaking is used as a text; and much drill is given in the presentation of speeches. The aim of the course is principally to give the student ease and effectiveness in public speech.

5.—ADVANCED PUBLIC SPEAKING. *Two hours credit.*

Each Semester.

Junior College. Prerequisite, Course 4 and Composition and Rhetoric. A course in the more formal type of public address, considered both as to delivery and construction.

6.—ADVANCED EXPRESSION. *Three hours credit.*

Each Semester.

Junior College. Prerequisite, Course 1. A continuation of Course 1. Drill in platform work, arranging programs, making readings from stories and plays.

7.—PRIVATE LESSONS.

Junior College. It is necessary that the student who majors in this department have much individual work. For this the private lesson is offered, to be arranged after consultation with the head of the department. A special fee is required for this course.

8.—METHODS IN ORAL ENGLISH. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, Courses 1, 2, 4. A pedagogical course dealing with the teaching of the following forms: Reading, Extemporaneous Speaking, Debate, Orations, School Plays.

THE NORMAL TRAINING HIGH SCHOOL.

ITS AIM AND PURPOSE.

The purpose of the Normal Training High School is to prepare better teachers for the rural schools of Kansas. The chief aim of its curriculum is to impart specific information which will qualify teachers to meet and solve the problems of rural education in a superior way. It is intended primarily for persons who have not had, at high-school age, opportunities to do high-school work, and who have had teaching experience or who intend to become teachers. Persons who have high-school advantages in their home towns are not encouraged to enter.

The general atmosphere of the school and the professional courses which are given by rural-school experts have a tendency to create in the prospective rural teacher those attitudes of mind toward country life which are in sympathy with the nation-wide movement for improvement of that field.

Educational theorists have written a vast quantity of pleasing philosophy on how the rural school may be improved, but one well-prepared, conscientious teacher at work is a greater force than a score of educational advisers.

The Normal Training High School, by maintaining classes of high-school grade, is in a position to offer special opportunities for observation and practice teaching to teachers who expect to enter the high schools of the state. With an enrollment of five hundred serious-minded boys and girls gathered from the rural districts and villages of the state in which only meager educational facilities are provided, and the graduation annually of approximately one hundred teachers, the Normal Training High School is prepared to offer its contribution to the solution of the most perplexing educational problem of the age.

SOCIAL PRIVILEGES.

The Faculty of the Normal Training High School, realizing that the period of adolescence is the time at which appear new social instincts, have provided such forms of social activity as will tend to acquaint the student with the forms and conventions of properly regulated society. This is largely accomplished through various clubs and literary organizations under Faculty direction. Students are also entertained annually in the homes of the Faculty members. The C. S. Club is a type of social organization in the Normal Training High School. It is composed of boys and young men who desire to study social forms and usages and to train its members to meet society in the best possible manner. The C. S. Club is under the sponsorship of Miss Maude Minrow.

REGISTRATION.

Registration in the Normal Training High School may be made in September, January, April and June. Exact dates appear in the School Calendar in the early pages of this publication. Students who submit credits from other schools must present a properly indorsed transcript from the high-school principal.

Students should write to the Registrar for blanks for this purpose. *Do not bring grade cards or diplomas.* All credits for entrance to the Normal Training High School should be sent to Principal Willis H. Carothers, Emporia, Kan.

AMOUNT OF WORK.

Students are urged to register in not less than three and not more than four subjects. In some cases mature persons with teaching experience may carry five subjects per semester. One unit is the normal amount for completion during the Summer School. Occasionally a student of marked ability and experience may complete one and one-half units.

CREDIT.

A unit of credit is a year's work done in one subject in a class reciting fifty-five minutes daily for thirty-six weeks.

GRADUATION.

Students are permitted to complete their work at the close of any semester. Diplomas and certificates are awarded in June and August.

To receive the diploma of the Normal Training High School, pupils must have completed sixteen units of work, ten units of which are required and six are elective.

The required work includes three units of English, one of algebra, one of geometry, one of botany or agriculture, one of physics or chemistry, one of history, one-half of hygiene physiology, one-half of civics, and one selected from the list of arts, found in group 6, page 120. One-half unit only in physical training, one-half unit in chorus singing, and one unit in instrumental music may be counted toward graduation. Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course.

To secure the One-year State Certificate, the following units must be completed: English three, mathematics two and one-half, of which one-half must be arithmetic or bookkeeping, science two and one-half, which shall include one-half unit each of geography and physiology, history one, civics one-half, methods and management one-half, psychology one-half, arts one, elective four and one-half.

COURSE OF STUDY.

Studies in CAPITAL LETTERS are prescribed in all courses. Only when strict conformity works a positive hardship on the student will any exceptions be made. Subjects which are continuous through the year must be completed. For example, a student who expects credit in Latin I must

complete Latin II. Pupils are not permitted to take less than three subjects nor more than four without the consent of the high-school principal, and no student who is failing in two subjects shall be allowed to continue his work unless there be recommendation to the contrary from the teachers involved. Only one-half unit in physical training, one-half unit in chorus singing and one unit in instrumental music may be counted towards graduation.

GENERAL COURSE OF STUDY.

FIRST YEAR.

First Semester.

GRAMMAR and COMPOSITION.
BOTANY I or AGRICULTURE I.
Arithmetic I.
Latin I.
German I.
Bookkeeping I.
Penmanship I.
Ancient History I.

Second Semester.

NARRATION and DESCRIPTION.
BOTANY II or AGRICULTURE II.
ALGEBRA I.
Latin II.
German II.
Bookkeeping II.
Music I.
Ancient History II.

SECOND YEAR.

First Semester.

EXPOSITION.
ALGEBRA II.
Cæsar I.
Typewriting I.
Woodworking I.
Modern History I.
Free-hand Drawing I.
German Conversation and Composition I.
Intermediate Music.

Second Semester.

ARGUMENTATION.
GEOMETRY I.
Cæsar II.
Typewriting II.
Woodworking II.
Modern History II.
Free-hand Drawing II.
German Conversation and Composition II.
Stenography I.

THIRD YEAR.

First Semester.

ENGLISH LITERATURE.
PHYSIOLOGY.
GEOMETRY II.
French I.
Joinery.
Cicero I.
Stenography II.
Speed Practice Typewriting.

Second Semester.

ENGLISH LITERATURE.
CIVICS.
Solid Geometry.
French II.
Cabinet Making.
Cicero II.
Geography.
Stenography III.

FOURTH YEAR.

First Semester.

American Literature.
PHYSICS I or CHEMISTRY I.
Advanced Arithmetic.
Foods and Sewing.
Psychology.
Virgil I.
American History I.

Second Semester.

American Literature.
PHYSICS II or CHEMISTRY II.
Advanced Algebra.
Foods and Sewing.
School Administration.
Virgil II.
American History II.

Normal Training High School Diploma.

To receive the diploma of the High School pupils must have been in residence one semester and have completed sixteen units of work, ten units of which are required and six are elective. The required work includes:

English, 3 units.
 Algebra, 1 unit.
 Geometry, 1 unit.
 Botany or Agriculture, 1 unit.
 Physics, 1 unit.
 History, 1 unit.
 Hygienic Physiology, $\frac{1}{2}$ unit.
 Civics, $\frac{1}{2}$ unit.
 Arts, 1 unit.

One-year State Certificate Course.

Since the greater part of the student body in the Normal Training High School are preparing to teach, and usually do teach for a period between their high-school work and their college work, the course leading to the One-year State Certificate is given a place by itself. Sixteen units are required. The residence requirement is one semester.

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.
 Oral English, 1 unit.
Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, $1\frac{1}{2}$ units.
 Geometry, $1\frac{1}{2}$ units.
 Arithmetic, 1 unit.
 Bookkeeping, $\frac{1}{2}$ unit.
Required: Two and one-half units, one-half unit being arithmetic, or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted:

Botany, 1 unit.
 Physics, 1 unit.
 Agriculture, $1\frac{1}{2}$ units.
 Geography, $1\frac{1}{2}$ units.
 Physiology, $\frac{1}{2}$ unit.
Required: Three units, one-half unit being geography, and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted:

American history, $1\frac{1}{2}$ units.
 European history, 2 units.
 Civics, $\frac{1}{2}$ unit.
Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted:

Methods and management, $\frac{1}{2}$ unit.
 Psychology, $\frac{1}{2}$ unit.
Required: One unit.

GROUP 6.—ARTS.

May be submitted:

Drawing, 2 units.

Music, 1½ units.

Physical training, ½ unit.

Manual training, 2 units.

Domestic science or domestic art, 2 units.

Pennmanship, 1 unit.

Required: One unit.

ELECTIVE.

Required: Four units.**Normal Training High School Courses.**

No course will be offered unless registered for by eighteen students.

Agriculture.

In the high-school agriculture, plant and animal life are always studied from the economic point of view. Such fields as fruit growing and market gardening are studied profitably. Well-organized facts concerning the fertility of our soils are taught, and the pupil comes to realize that the future of Kansas and of the nation depends upon the efforts of the individual farmer in building up the productivity of his soil. In general, high-school agriculture opens up a field for fruitful thought along these lines, and whenever any one has reached such a mental condition due to his education, he has been made a better citizen and a more capable teacher.

FARM CROPS (AGRONOMY). *One-half unit credit.*

Summer Term, and each Semester.

This course includes a study of the grain crops, hay and fodder crops, root and tuber crops, fiber crops and legumes. There is also a detailed consideration of insects and obnoxious weeds, with methods of control. This is a practical course in the study of agronomy.

FARM ANIMALS (ANIMAL HUSBANDRY). *One-half unit credit.*

Summer Term, and each Semester.

A course including a study of types and breeds of farm animals, feeding, live-stock judging, dairying and its relations to Kansas problems of soil fertility.

FARM MANAGEMENT. *One-half unit credit.*

This course includes crop rotations, plant and animal breeding, the common diseases of animals and their treatment, farm machinery, farm buildings, and the keeping of records and accounts. This is a practical course for the teacher who expects either to do high-school work or to make a specialty of rural teaching. Required of those expecting special recommendation for teaching in rural schools. Prerequisites, Agriculture I and II. Deposit, 50 cents.

HORTICULTURE AND FORESTRY. *One-half unit credit.*

This is a new course, but will be required of those who expect recommendations either for special fitness for rural-school teaching, or to teach agriculture in a high school. It covers a new phase in secondary education in Kansas, as elsewhere, and includes fruit growing, market gardening and trucking, marketing produce, care of orchards and small fruit farms, sprays and spraying, and practical forestry for Kansas.

Students taking this course will be furnished vacant lots, plants and seeds, spraying outfits, hoes, rakes, etc., if desired. The student may choose his own plants, and follow any phase of gardening or trucking he desires, provided it be consented to by Mr. Phipps. Part of the class time will be spent in care of the lot, and the grade given in the course will be largely determined by the merits of the work done and the results shown. The produce will be marketed co-operatively, and the net profit returned to the student.

SCHOOL GARDENING. *One-fourth unit credit.*

Summer Term, and second Semester.

The topics studied are, the improvement of rural and city school grounds, school gardens, and the planting of ornamental shrubs and trees.

Botany.

ELEMENTARY BOTANY I. *One-half unit credit.*

Summer Term, and each Semester.

Topics considered: A study of the so-called lower plants with especial emphasis on bacteria and their relation to health, to the preservation of foods, and to soil production and fertility; a similar treatment of fungi, and the origin and nature of a seed. The method is strictly developmental throughout. Text: Bergen and Caldwell's Introduction to Botany. A deposit of seventy-five cents is required in each of these courses to guarantee the return of apparatus entrusted to the student.

ELEMENTARY BOTANY II. *One half-unit credit.*

Summer Term, and each Semester.

The previous course will be continued, with a comparative study of seeds, their germination, their structure and contents; the general structure and work of plants—their roots, stems, and leaves, and the significance of these; plant products and industries connected with them; a consideration of some of the leading families of plants—their uses, characteristics, and distribution; plant improvement, including plant breeding. This study includes field and laboratory work, illustrated lectures, class discussion, and recitations. No credit is given for either of these courses without the other. Text and deposit the same as in Botany I.

Chemistry.

CHEMISTRY I. *One-half unit credit.*

First Semester.

A study of the principles and laws of the science, with something of its history. The course will include a detailed study of the most typical nonmetallic elements and of some of the more useful metals. It will also cover an introduction to the study of some of the simpler and more familiar organic compounds. The student becomes familiar with such laboratory methods of filtration, evaporation, precipitation, neutralization, distillation and weighing as will give him facility in analysis in the work of the second semester. Text: Olson's Pure Foods. Laboratory fee, \$1.

CHEMISTRY II. *One-half unit credit.*

Second Semester.

Practical analysis is continued throughout the semester. The work includes both qualitative and quantitative analysis of such familiar things as tea, coffee, baking powder, vinegar, fruit juices, water, milk, foods—including tests for adulteration, preservatives,

artificial colors and flavors. The chemistry of dyeing and stains receives attention. The more common remedies and patent medicines are examined. The course is elastic enough to allow it to be adapted to the needs of the class and the interest of the individual student. Text. Allyn's Elementary Applied Chemistry. Laboratory fee, \$2.

Commerce.

BOOKKEEPING I. *One-half unit credit.*

Summer Term, and each Semester.

The elementary principles of bookkeeping are studied, and applied in the use of the journal-daybook, cash book, sales book, purchases book, and ledger. Thorough drill is given in the opening and closing of accounts and in making trial balances and statements. The course concludes with simple business practice.

BOOKKEEPING II. *One-half unit credit.*

Each Semester.

Prerequisite, Bookkeeping I. The student handles a large number of business forms and uses school currency. Special attention is given to the classification of accounts and to making business and financial statements.

BOOKKEEPING III. *One-half unit credit.*

Prerequisite, Bookkeeping II. This course includes the accounts of a large business in which subsidiary ledgers, special column books, and very comprehensive forms of business and financial statements are used.

PENMANSHIP I. *One-half unit credit.*

Summer Term, and each Semester.

No prerequisite. Study of correct position. Muscular movement is used and drills given for the mastery of movement. Development and analysis of both capitals and small letters and of figures. The aim is to develop a rapid and legible handwriting.

COMMERCIAL LAW. *One-half unit credit.*

Each Semester.

It is the aim of this course to present clearly the more important points of business law that are likely to arise in everyday affairs. The leading principles of contract law, illustrated by references to court decisions, are studied, and their application to practical matters is shown. Open to Seniors.

TYPEWRITING I. *One-half unit credit.*

Each semester.

Beginning with a mastery of the keyboard by the touch method, the student is given a series of progressive exercises in writing words, sentences, and business letters, leading to the acquisition of practical speed and accuracy in writing ordinary business and literary matter.

TYPEWRITING II. *One-half unit credit.*

Each Semester.

Prerequisite, Typewriting I. Continued drill is given to attain speed and accuracy. Business letters, common legal and business papers, and tabulating exercises are given. The student is trained to write smoothly and rapidly and without error, any kind of miscellaneous matter or business document.

STENOGRAPHY I. *One-half unit credit.*

Summer Term, and each Semester.

No prerequisite. Mastery of principles is the principal aim in this course. Careful attention is given to the correct formation of characters and outlines, and constant drill given in reading shorthand notes. Suitable dictation is given from the beginning.

STENOGRAPHY II. *One-half unit credit.*

A continuation of course II. A gradual increase of speed is sought, but is made subordinate at all times to legibility of notes. Shortening principles, phrasing, and transcriptions are taken up in a series of progressive exercises.

STENOGRAPHY III. *One-half unit credit.*

A continuation of course II. This course includes advanced speed practice, with drills in rapid reading and transcription of notes.

STENOGRAPHY IV. *One-half unit credit.*

Continuation of course III. Designed to give the student skill to take rapid dictation and transcribe with accuracy and correctness.

Domestic Art.

Two years' work each is given to the art and the science of home making. The work in each extends through the full four years' secondary course. Classes in these subjects meet daily for recitation and laboratory work, between 2 and 4 p. m., the work of the two courses alternating.

PLAIN SEWING. *One-half unit credit.*

Offered on alternate days throughout the year.

Straight-line pattern drafting, plain sewing by hand and machine.

Underwear. Deposit, 50 cents.

DRESSMAKING. *One-half unit credit.*

Offered on alternate days throughout the year.

Designing of dresses in color and style, pattern drafting, dress-making with wash materials.

Domestic Science.

FOODS. *One-half unit credit.*

Offered on alternate days throughout the year.

Household physics, food principles, the application of heat to foods, food selection and preparation. Laboratory fee, \$2.

SERVING. *One-half unit credit.*

Offered on alternate days throughout the year.

Economic problems concerning foods and their service. Cooking and serving. Laboratory fee, \$4.

Drawing.

The courses of art education in the Secondary School aim to familiarize the student with fundamental art principles, so that he may apply them to the problems of everyday life, likewise to create in him a love for the beauties of nature and an appreciation of all art forms.

ELEMENTARY FREE-HAND DRAWING I. *One-half unit credit.*

Summer Term, and each Semester.

This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of free-hand drawing in outline from models—forms of pottery, books, boxes, plants, trees, buildings, etc. The materials used are, pencil, charcoal, colored crayons, white and tinted papers, blackboard. Silhouette drawings of flowers, trees, animals, and the human figure in action are made with brush and India ink. This course includes simple problems in design, as surface patterns and borders applied to wall papers, book covers, rugs, etc.; also, a working knowledge of perspective principles, both free-hand and mechanical.

ELEMENTARY FREE-HAND DRAWING II. *One-half unit.*

Summer Term, and each Semester.

Prerequisite, free-hand drawing. This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of principles of perspective as applied to the drawing of objects in values (light and shade) with charcoal and pencil on white and tinted paper, also on blackboard with chalk and charcoal. Further study of design, including color harmonies; also decorative treatment of letters of the alphabet, landscape and plant forms.

English.

The aim of the English course is two-fold: First, upon the completion of the course the student is expected to be able, both in oral speech and in writing, to express his own thoughts and feelings with a fair degree of accuracy; second, it is hoped that he will have learned to read and to enjoy good literature. The study of literature and practice in composition are continued side by side during three years of required work, considerably more time being given to developing the powers of thought and expression than to dwelling overmuch on appreciation of literary gems of the past. A large share of attention is paid to oral composition, primarily for its own sake, rather than because of its important relation at times to the written work required.

In all of the literature courses the stress is laid on the literature itself, the only textbook being the classics. The history is used only for background and is given minor consideration. The library is abundantly supplied with histories of literature and the students are referred to them. Oral and written reports are required in every course.

ENGLISH I.—GRAMMAR AND COMPOSITION. *One-half unit credit.*

Summer Term, and each Semester.

The work of this course is divided into two sections: the one, for those intending soon to teach in the rural schools, in which is given a thorough knowledge of the fundamentals of grammar and composition, together with methods and suggestions as to the presentation of this work to beginners; the other to give a thorough drill in the mechanics of English, consisting of exercises in oral and written composition. Special attention is here given to the use of capitals and punctuation marks, and to the selection and use of the correct word and phrase. The aim is to get the pupil to express himself freely and accurately. Text: Scott and Southworth's Lessons in English, Book II.

ENGLISH II.—NARRATION AND DESCRIPTION. *One-half unit credit.*

Summer Term, and each Semester.

Throughout this course the emphasis is placed on oral and written composition, the aim being to produce freedom and spontaneity of expression. Much time is given to the reading and discussing of themes in the classroom, and the student is called to frequent consultations upon his written work. The structure of the sentence receives special attention, and no student is allowed credit for the course who is unable to speak or write a clear, forceful sentence.

ENGLISH III.—EXPOSITION. *One-half unit credit.*

Each Semester, and Summer Term.

This course presupposes a knowledge of sentence structure and of the paragraph as a unit. In the composition work of this semester emphasis is largely placed on oral or written explanations of anything in which the pupil himself is much interested. Paragraph development is then stressed by studying models and writing original paragraphs. Probably the most important part of the work is the study of the whole theme. There is a close study of the gathering of material, the making of outlines, and writing from outlines.

ENGLISH IV.—ARGUMENTATION. *One half unit credit.*

Each Semester, and Summer Term.

Training is here provided in the organization and effective presentation of debate and of written argument. The preliminary work consists of the practice in oral composition necessary to debate and of the study of the principles of argumentation. Illustrative material is found in arguments which commonly arise in the affairs of men and in arguments from the newspapers of the day.

ENGLISH V.—ENGLISH LITERATURE (SHAKESPEARE TO BURNS). *One-half unit credit.*

Summer Term, and each Semester.

Types of the principal forms of both prose and poetry are studied. As much as possible is read of the works of each of the leading authors. Minor writers are omitted entirely. The characteristics of the various periods as revealed in the classics studied are noted, and the rise and progress of the various movements.

ENGLISH VI.—ENGLISH LITERATURE (NINETEENTH CENTURY). *One-half unit credit.*

Summer Term, and each Semester.

This course takes up the English thought and expression of the last century, and brings the study down to the present day. Considerable attention is paid to recent writers, and an effort is made to develop in the student some power of discrimination.

ENGLISH VII.—AMERICAN POETS. *One-half unit credit.*

Summer Term, and each Semester.

Intensive work is done in class on a few selections from each of the leading American poets, enough to introduce him, and the student is encouraged to browse extensively for himself. The principal object sought is to develop an appreciation and taste for poetry.

ENGLISH VIII.—AMERICAN PROSE WRITERS. *One-half unit credit.*

Summer Term, and each Semester.

A study is made of editorials, essays, orations, novels, and short stories by America's leading thinkers and writers. Recent and contemporary work is not neglected. Oral and written reports are required on extensive reading of books and magazines from the library.

PUBLIC SPEAKING. *One-half unit credit.*

This course is designed to meet the needs of two classes of students: those who wish further opportunity for development in public speaking than that offered by the course in argumentation and debate, and those who find exceptional difficulty in expressing themselves in oral composition. The course affords training in the art and manner of speaking. Preparation for speaking is made through training, in selection of material, in organization of material, and in study of the various means of development. The aim is to develop a consciousness of the structure of the oral sentence and of unity in discourse.

Geography.**PHYSIOGRAPHY.** *One-half unit credit.*

Summer Term, and First Semester.

A study of land forms and of the atmosphere, of the agencies that have affected the earth's features or that are now changing them. Attention is always given to geographic influences upon life and upon history. The laboratory work consists of the study of topographic maps, visits to the museum, and field trips.

POLITICAL GEOGRAPHY. *One-half unit credit.*

First Semester.

A general course in common-school geography, made more intensive than is ever possible in the grades. This course is a study of the most important countries of the world. Emphasis is laid on the physical basis for the development of the agriculture of any nation, and a knowledge of natural resources as a basis for industrial development. Many special references are given.

COMMERCIAL. *One-half unit credit.*

Second Semester.

A study of the world's chief commercial commodities and the factors influencing their production, distribution and development. Text, Robinson's Commercial Geography.

Government.

A practical and, as far as possible, a first-hand acquaintance with the actual working of our government in its local, state and national phases is the aim of this work. It is felt that the student can begin to study most intelligently that form of government which he sees in daily manifestation close at hand. As a consequence he begins with the township and city. A study of their government acquaints him with many things connected with the state government. This, in turn, gives him a basis which enables him to interpret what he finds in the national government. The fact that our government is constantly changing is kept before the classes in this work, by careful attention to newspapers and magazines in their discussions of various problems and how they are being dealt with in the various departments of our government.

GOVERNMENT. *One-half unit credit.*

Summer Term, and each Semester.

The work begins with a short study of township government in connection with conditions in rural communities. City government is then taken up; some of the problems of cities are studied in connection with visits to the city offices. This is followed by a more extended study of the county government. Here again the classes visit the

offices they are studying. The remainder of the term is devoted to the state government. The second term of the semester takes up the historical development of the constitution of the United States, followed by a study of the legislative, executive and judicial departments of the national government. By careful division into legislative, executive and judicial groups, the members of each class are given a better insight into the actual processes of legislation and administration.

COMMUNITY CIVICS. *One-half unit credit.*

Summer Term, and Second Semester.

Elective. This course may be substituted for Course 1. The feeling that merely studying the constitution does not help much to make good citizens has long been growing. One test of the value of a subject in the high-school curriculum is how it functions in the life of the students. The State Normal Training High School was probably the first in the state to offer this work in community civics. Most earnest efforts are made to have the student see the importance of local regulations and his relation and responsibility in connection with them. He lives his life in a community; he should know what it demands of him and what he should expect from it.

The work of this course consists of a study of local affairs. It is conducted by personal visits and investigations. In every possible way the members of the class are given an opportunity to see how local community and governmental affairs are actually carried on. The court room, the city and county offices, the streets and roads, the waterworks, etc., are the laboratories for this work. Local government, *i. e.*, township, city and county, receive most careful consideration. The state and national governments come in for attention near the close of the semester in the group work described above in course 1. Special problems, such as franchises, municipal ownership, health regulation and immigration, are studied by the debate method. The aim of the course is to turn out citizens who will have an active interest in the affairs of the communities into which they may go.

American History.

AMERICAN HISTORY I. *One-half unit credit.*

Each Semester.

The founding of the republic, 1492-1817. The most important discoveries and explorations, with the European conditions leading up to them, are considered extensively. Virginia and Massachusetts are studied thoroughly as types, the other colonies only in their contributions to later movements and institutions. Both the Revolutionary War and the War of 1812 are studied from the standpoint of cause and effect. Particular emphasis is placed on the social and political development of the colonies and states during this period. Text: Muzzy's American History.

AMERICAN HISTORY II. *One-half unit credit.*

Summer Term, and each Semester.

This course covers the period from 1817 to the present time, and deals with the development of national policies, with the struggle between national and state interests, and with the social and political problems leading to the Civil War. Emphasis is laid on the cause, result and principal events of this war. Reconstruction and its problems are studied from the standpoints of both the North and the South, and students are sometimes referred to the text in American history officially approved by the Confederate Veterans' Association, that they may see how the men of the South looked at national policies during the days of struggle and now. The major part of

the last half of the course is devoted to events of recent years, as Spanish-American War, colonial possessions and their problems, civil service, immigration, Panama canal, trusts, and changes in political parties. Text: Muzzy's American History.

CURRENT EVENTS. *One-half unit credit.*

Summer Term, and each Semester.

The department has found this course essential to students of high-school age. These students often have only textbook knowledge and care little for reading of the conditions and problems of the present time. This course gives them an opportunity to become interested in topics of general knowledge and culture. The course is based upon articles in the leading newspapers and periodicals, and is not confined exclusively to historical subjects but to all items of general information.

European History.

ANCIENT HISTORY I AND II. *One unit credit.*

Throughout the year.

This course covers the essentials of the history of the Oriental nations and takes a more detailed study of Greece and Rome. It carries the work through the period of Charlemagne, the barbarian invasions, and the nationalization of Europe, closing with the year 1700.

MODERN HISTORY I AND II. *One unit credit.*

Throughout the year.

Course I traces the history of Europe from 1700, through the Industrial Revolution and the French Revolution to the Congress of Vienna, 1815.

Course II begins with 1815 and makes a careful study of modern nations. Special emphasis is laid upon the history of the past fifty years, and the relations of the nations up to the present time. Current history is an essential part of both courses offered.

Latin.

The aim of the courses in Latin is to acquaint the student with the life, language and civilization of the Roman people. The great civilization centering in the "eternal city" from which come modern law, military tactics, great literature and the abundant enrichment of the English language is fundamental in the interpretation of modern life. No subject in the curriculum is so basal to the work of every other department. Courses, beginning Latin I to Cicero II, inclusive, offered each semester.

BEGINNING LATIN I. *One-half unit credit.*

The course completes one-half the text with attention to declensions, conjunction of the indicative mode, comparisons, etc. Stories from mythology and legendary Roman history are introduced early. The subject is correlated with English grammar and thereby the student is made more familiar with his mother tongue. Open to students without previous knowledge of Latin. Text: D'Ooge's Latin for Beginners.

BEGINNING LATIN II. *One-half unit credit.*

Last half of the D'Ooge text completed. Special attention is given to the subjunctive and to reviews. The course concludes with "The Labors of Hercules" and "The Story of a Roman Boy" in easy Latin. Open to those having Latin I and to those desiring review.

CÆSAR I. *One-half unit credit.*

A study of Books I and II. The present world's war has for its western campaign practically the same theater as that of the first three campaigns of Cæsar in Gaul. In this respect the two wars are kept constantly correlated. The masterful generalship of Cæsar affords great interest. The student learns that the Teutonic ambition for territory westward is by no means recent. This course affords a basis for extended translation, with stress laid on case usage. Texts: Walker's Cæsar, Bennett's Grammar, Bennett's New Latin Composition, Part I.

CÆSAR II. *One-half unit credit.*

Books III and IV of the Gallic war. Prose composition continued from Cæsar I. The principles of Latin syntax are more firmly grounded, especial attention being given to the modes. Cæsar's Gallic campaigns and the initiatory campaign in Britain mark the advent of the Roman element into French and English civilizations. Texts: Same as for Cæsar I.

CICERO I. *One-half unit credit.*

The four orations against Catiline. Ciceronian eloquence and its influence on modern oratory. The conspiracy of Catiline with reference to Roman social and political life and comparisons with modern social conditions. Careful study of syntax, with especial attention to conditional sentences, analysis of each oration and prose based on the text. Texts: Bennett's Cicero, Bennett's New Latin Composition, part II.

CICERO II. *One-half unit credit.*

Orations for Pompey, Archias and Marcellus. An investigation of Roman political institutions and advanced study of syntax. Prose composition continued. Texts: Same as for Cicero I.

VIRGIL I. *One-half unit credit.*

First Semester.

The translation of Books I-III of the Æneid. The beauty of ancient literature, the rhythmic movement of the hexameter and the poetic nature of Roman life reach their highest form in this great epic. Some study of scansion and mythology; short papers and reports on related topics. Text: Knapp or Bennett

VIRGIL II. *One-half unit credit.*

Second Semester.

Translation of Books IV to VI, inclusive. Supplementary mythology. The author's place in literature. The Æneid as a whole. Papers and reports.

Manual Training.

ELEMENTARY MECHANICAL DRAWING. *One-half unit credit.*

Summer Term, and each Semester.

A course in the elements of mechanical drawing, including exercises in the use of instruments, geometric constructions, free-hand lettering, orthographic projection of simple solids at various single angles, and the application of orthographic projection in making working drawings, tracings and blue prints.

ADVANCED MECHANICAL DRAWING. *One-half unit credit.*

A continuation of the above course, giving practice in orthographic projection of more complicated objects, and in double angles; surface developments, sections, isometric and cabinet projections, shadows, and some application of the principles of practical drafting.

FARM CARPENTRY AND SHOP PROBLEMS IN MATHEMATICS. *One-half unit credit.*

A course in the principles of construction, and the application of mathematics to the practical daily problems of building as required about the home or on the farm. The shop work will consist of framing of simple structures, and typical parts of the more complex structures, giving a working knowledge of the steel, square and other common carpenters' tools.

ELEMENTARY WOODWORK. *One-half unit credit.*

Summer Term, and each Semester.

A course in wood construction suited to the intermediate and lower grammar grades. Work with tools at the bench will be required. Simple models selected to illustrate and give practice in the use of the common woodworking tools will be made.

ADVANCED WOODWORKING. *One-half unit credit.*

A continuation of the above course, dealing with models appropriate for the grammar grades. Work requiring greater skill in the use of tools will be selected, and students will be expected to plan and execute several original or adapted models, in addition to those in an assigned course.

JOINERY. *One-half unit credit.*

Summer Term and each Semester.

A course beginning with a series of joint exercises illustrating the common joints in wood construction and continuing into the application of some of these in appropriate models.

CABINETMAKING. *One-half unit credit.*

A course in advanced woodworking, dealing with models requiring more accurate use of the tools. Some attention will be given to the lines and decorations, with the methods of securing pleasing effects through wood combination, inlaying and simple carvings.

WOOD TURNING. *One-half unit credit.*

A beginning course in wood turning, with instructions on the care and uses of the lathe; practice in the sharpening of the usual turning tools—chisels, gouges, parting tools, etc. The students will be required to make a series of exercises between centers on the lathe, beginning with the cylinder, through progressive modifications, showing the characteristic uses of the tools; followed by the turning of several useful pieces for further practice in the uses of the lathe.

ADVANCED WOOD TURNING. *One-half unit credit.*

A continuation of the above course, giving further study to the lathe and its uses, including problems in hollow turning, faceplate and chuck work, as illustrated in the making of rosettes, boxes, goblets, etc.

PRIMARY HAND WORK. *One-fourth unit credit.*

A course offered for pupils wishing to prepare to teach hand work in the lower grades in connection with their regular grade work. This course deals with projects requiring materials suited to the first to fifth grades. Work in paper and cardboard construction, clay, reeds, raffia, weaving, etc., will be given, together with some problems in thin wood and coping saw construction.

Mathematics.

1.—REVIEW ARITHMETIC. *One-half unit credit.*

Summer Term, and each Semester.

Drill in the fundamentals with integers and fractions, common factors and multiples, and square root. Denominate numbers, including the metric system. The fundamentals of mensuration: *i. e.*, area of square, rectangle, parallelogram, triangle, trapezoid, and circle; volume of rectangular solid, pyramid, prism, cylinder, cone and sphere. Pythagorean proposition and its applications. Problems in analysis and simple proportion, with general applications to concrete problems. Percentage and its general applications. Business applications of percentage, interest, commercial discount, bank discount, commission, taxes, insurance, stocks and bonds. Longitude and time.

2.—ALGEBRA I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, Course 1, or a good foundation in arithmetic. The notion of general numbers developed through formulas: *e. g.*, $i = prt$, d (distance) $= rt$, etc. Positive and negative numbers, their sum and their difference. Exponents and their laws, the four fundamental operations and factoring. Linear equations in one variable. Applications.

3.—ALGEBRA II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, Course 2. Factoring, solution of equations by factoring; fractions, fractional equations. Systems of linear equations and graphs. Square root, surds and the simple facts of imaginary numbers necessary to the quadratic equation. Quadratic equations solved by the three methods, and applications. Ratio and proportion.

4.—PLANE GEOMETRY I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, Course 3. Triangles, parallel lines, quadrilaterals, polygons, loci, and circles. Methods of attacking exercises.

5.—PLANE GEOMETRY II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, Course 4. Ratio and proportion, similar figures, areas, regular polygons, and circles. Application of geometry to practical problems.

SOLID GEOMETRY. *One-half unit credit.*

Summer, Term, and each Semester.

Prerequisite, Course 5. Elective in secondary school. For description see Course 4 under College Mathematics.

ADVANCED ARITHMETIC. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, one year each of algebra and geometry. Elective. For description see course 1 under College Mathematics.

ADVANCED ALGEBRA. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, Course 5. Elective. For description see Course 7a under College Mathematics.

Modern Languages.

Language study belongs to the Normal Training High School rather than to the College, because it calls to a great extent for memory and imitation. The pupil will save time in the end by devoting as early a period of his school life as possible to language study, and by leaving the sciences to a relatively later period. The drill in accuracy, observation and analysis required in language work will be strong aid in later work in science.

The study of a foreign language has one or more of three main values: Disciplinary, cultural, and practical. To give a sentence correctly in a foreign language requires accuracy and rapidity of thought, close observation, and careful analysis of both foreign and native language, for each word must be correct in itself and have the proper place in relation to other words in the sentence.

FRENCH.

French is an elective subject throughout the course, and one unit of it will be offered, organized along the lines of the German courses which follow, as the demand for them arises.

GERMAN.

Aside from the cultural and disciplinary value which the study of any language possesses, the practical side of German is easily apparent. The ability to express one's self in a foreign tongue is a power, and our courses are planned to give the students such power. In commercial life, the salesman is enabled to understand the habits and thoughts of the buyer. For one traveling in Germany the ability to speak the language of the country saves time and money and doubles the pleasure of the trip.

Besides classroom work, a German play will be given annually. The students always find this well worth while, on account of the careful drill in pronunciation and the feeling gained that the language is real and alive. A German club will meet once a week to give the pupils in the department a social hour together, such as the German people themselves enjoy at their coffee hour.

ELEMENTARY GERMAN I. *One-half unit credit.*

Summer Term, and each Semester.

Allen's Daheim. Walter-Krause's Beginners' German to lesson 30.

ELEMENTARY GERMAN II. *One-half unit credit.*

Each Semester.

Walter-Krause's Beginners' German and Allen's Daheim completed. The central idea of this work in the first year of German is to introduce the pupils to a foreign language in the easiest and most natural way, *i. e.*, by speaking and hearing it. The composition work will consist mostly of simple original sentences, gradually working into complex sentences.

CONVERSATION AND COMPOSITION I. *One-half unit credit.*

Volkmann's Kleine Geschichten or Stern's Geschichten vom Rhein, Storm's Imensee, and Chiles German Prose Composition.

CONVERSATION AND COMPOSITION II. *One-half unit credit.*

Each Semester.

(1) Heyse's *Niels mit der offenen Hand*, Riehl's *der Fluch der Schönheit*, and Wildenbruch's *Das edle Blut*, or (2) Chiles German Prose Composition completed. The conversation will be based on the reading, the object being to teach the students to get the contents without translation. The paragraph will be developed during this year in both conversation and composition. As a test of thoroughness of the work idiomatic English translations will be called for as needed.

CONVERSATION AND READING. *One-half unit credit.*

First Semester.

Fulda's *Unter vier Augen*, Baumbach's *Der Schuregersohn* or Seidel's *Leberecht Hühnchen*, Freytag's *Die Journalisten*, Bacon's *Im Vaterland*.

SCHILLER. *One-half unit credit.*

Second Semester.

The first half of the year will contain a summary of the elements of German grammar, worked out in conversation and composition. *Im Vaterland* will be used for conversation only, and is valuable as a means of bringing the student in close contact with everyday life in Germany. The second half year will be a study of *Tell* as a German classic.

Music.ELEMENTARY MUSIC. *One-half unit credit.*

Summer Term, and each Semester.

This course introduces all the essential rudiments, and aims at ability to read music in the treble clef, accurately, at sight.

INTERMEDIATE MUSIC. *One-half unit credit.*

Summer Term, and each Semester.

Elementary music, or its equivalent, required for admittance. This course introduces more difficult music, bass clef, and four-part singing.

GIRLS' CHORUS. *One-fourth unit credit.*

Summer Term, and each Semester.

Prerequisites, Elementary and Intermediate Music. Rehearsals twice a week for twenty weeks, including drill on four-part choruses for girls' voices and production of an operetta or cantata.

MEN'S CHORUS. *One-fourth unit credit.*

Summer Term, and each Semester.

Rehearsals twice a week for twenty weeks for the study of four-part choruses for men's voices. Private instruction in voice and piano may be obtained upon application to head of the department. Rates, \$13.50 to \$18 per term of eighteen lessons, for which one-fourth unit of credit is granted.

Physical Training.

Gymnasium Fee.—A charge of one dollar is made each semester for the use of locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fee.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles

the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

FOR MEN.

Gymnasium Costume.—The regulation costume is worn in all classes. It consists of a white sleeveless shirt, white track pants and white tennis shoes. The suit complete can be secured from local dealers at a cost of two and one-half dollars.

The student in the Normal Training High School of the Kansas State Normal has an ideal opportunity for education in physical training. He has access to one of the finest gymnasiums in the state. In this building, with its patent running track, four basket-ball floors, two apparatus floors, wrestling, fencing and boxing rooms and swimming pool, are eight fully trained instructors, two of whom have special charge of the work for the Normal Training High School.

Adjoining the gymnasium is the best athletic field in the state, with a cinder quarter-mile track and a two-hundred-and-twenty-yard straight-away, a football field, four baseball diamonds, and nine tennis courts. One section of this field is set aside for the use of the girls, and is equipped for playground ball, cross ball, soccer and other courts for outdoor sports.

The students of the Normal Training High School have their own athletic association, and put out teams in all the major sports. These teams have the advantage of professional instruction by college coaches and are generally successful. The association adopted as their honor letter a six-inch block "N" which is given to men who distinguish themselves in athletics.

Required.—Three hours a week for four semesters. The credit given for this will count as half a unit toward graduation, the One-year State Certificate, and college entrance.

As the work in physical training varies with the season, the semester is divided into two terms of nine weeks each. Work must begin upon entering school, and the student is required to complete it during the first two years of his course unless he is excused by the Physical Director, in which case he must make up the work before graduation. Of the required work, two teams each year must be in class gymnastics. The student may elect the terms in which he makes his gymnastic requirement. During the other two terms he may elect work in any athletic sport that is offered. As the midwinter terms are best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

- 2.—ELEMENTARY GYMNASTICS. Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

- 3.—INTERMEDIATE GYMNASTICS. Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling.
- 4.—ADVANCED GYMNASTICS. Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus.
- 8.—FOOTBALL. Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.
- 9.—SOCCER FOOTBALL. Given in season. Individual and team practice, valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.
- 10.—BASKET BALL. Classes are organized each semester of the year. The A. A. U. game is taught to elementary classes and the intercollegiate game to the first and second teams. An interclass series is played.
- 11.—BASEBALL. Given in season. Individual and team practice. The squad is divided into teams graded according to ability.
- 12.—TRACK AND FIELD ATHLETICS. Given in season, only to men in good physical condition as shown by physical examination. Cross-country running is given in season.
- 13.—TENNIS. Given in season. Tournaments in both singles and doubles are held during first and fifth ten weeks.
- 14.—SWIMMING. Elementary and advanced instruction is given throughout the year.

FOR WOMEN.

The aim of this department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and symmetrical development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playground, athletics, games, and folk dances.

Required.—Three periods of work per week in gymnastics, athletics, or other elective work during the first two years of work in residence. One-half unit credit, which may apply on requirements for graduation, One-year State Certificate and college entrance. Of this requirement, one-fourth must be in athletics or other elective work, but the other three-fourths must be regular gymnasium class work, which consists of march-

ing tactics, free-hand or light hand-apparatus exercises, games or fancy steps. A semester of gymnastics must be completed before a student may substitute elective work.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit and broad-toed tennis shoes. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report to the Director's office, where second-hand suits of outgoing students will be sold for about four dollars, or new ones may be ordered for five dollars. Only regulation suits will be allowed on the floor.

- 2.—ELEMENTARY GYMNASTICS. Required of all beginners. Three periods a week.
- 3.—INTERMEDIATE GYMNASTICS. Required of all students who have completed Course 2. Three periods a week for at least one semester.
- 4.—ADVANCED GYMNASTICS. Open only to students who have passed Course 3 with high grades and are physically adapted to apparatus exercises.
- 7.—CORRECTIVE GYMNASTICS. Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles or other physical weaknesses.
- 8.—OUTDOOR SPORTS. Open to all students who have completed two terms of gymnastics. Three periods a week, in the spring and fall. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics, and relay racing.
- 9.—SOCCER. Open to students who have passed one semester of gymnastics. One period a week for the first half of the first semester.
- 10.—BASKET BALL. Open only to students who are physically qualified and who have completed Course 2. One period a week.
- 11.—BASEBALL. One period a week in the second half of the second semester.
- 12.—HOCKEY. One period a week in the spring and fall.
- 13.—TENNIS. Open to all students having a privilege of electing athletics. One, two, or three periods a week.
- 14.—SWIMMING. One lesson a week is allowed each student.
- 26.—ESTHETIC DANCING. (Elementary.) Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized and is now considered one of the most important phases of gymnastic exercises.
- 27.—FOLK DANCING. (Elementary.) One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.
- 28.—ESTHETIC DANCING. (Intermediate.) One period a week. have completed Course 26.
- 29.—FOLK DANCING. (Intermediate.) One period a week.
- 35.—INDIAN CLUBS. One period a week.
- 36.—CROSS BALL. One period a week.

Physics.

PHYSICS I. *One-half unit credit.*

Summer Term, and each Semester.

Properties of matter, motion; characteristics of liquids and gases, work, energy, and heat. The needs and interest of the pupil are kept constantly in mind. The subject is adapted to the pupil instead of adapting the pupil to the subject. During the year the class visits the ice plant, gas works, street railway and railroad car shops, foundry, steam and water mills, telephone exchange, water-works, heating and ventilating plants, and such other places of interest as opportunity offers.

PHYSICS II. *One-half unit credit.*

Summer Term, and each Semester.

Magnetism, electricity, sound and light. Students having special aptitude are given opportunity to do extra work, such as making motors and dynamos, batteries, erecting telephone and telegraph systems, and wireless telegraph stations. They study and test the efficiency of machines, hot-air and gas engines. An abundance of apparatus, selected with reference to the needs of the pupils, is used by the instructor in demonstrating the class work and by the pupils in the laboratory. Text: Millikan and Gale's First Course in Physics.

Household Physics.

Open to young women, especially those taking Domestic Science. May be taken instead of the regular Physics I and Physics II with the consent of the instructor. The class visits many places of interest during the year. Laboratory work accompanies each course. Text: Butler's Household Physics.

HOUSEHOLD PHYSICS I. *One-half unit credit.*

First Semester.

Light, heat and sound, in their relation to the home. The construction, operation and efficiency of steam cookers, fireless cookers, water heaters, vacuum bottles, refrigerators and as many other appliances as possible are studied under the subject of heat. Light and sound are treated in a similar way.

HOUSEHOLD PHYSICS II. *One-half unit credit.*

Second Semester.

Magnetism, electricity and mechanics practically applied. A study of carbon and tungsten lamps, many heating and cooking utensils, door-bells, telephones, burglar alarms, meters and a large number of mechanical devices constitute this course.

Physiology.

HYGIENIC PHYSIOLOGY. *One-half unit credit.*

Summer Term, and each Semester.

A good working knowledge of anatomy and physiology is given the student, but special emphasis is placed upon hygiene in all its phases. The pupil is taught those conditions that tend to the best development and health. To this end the subjects of food, circulation, respiration, excretion, exercise, athletics, etc., are considered with special reference to the needs of the individual. The cause,

prevention and treatment of the more common diseases are quite fully treated. The aim of this course is to enable the pupil to care for his body properly rather than to commit to memory a large number of technical terms or even to be able to write a specified number of rules of health. Conn and Budington's *Advanced Physiology and Hygiene*.

Psychology.

ELEMENTARY PSYCHOLOGY. *One-half unit credit.*

Summer Term, and each Semester.

Psychology is taught from the point of view of the intending teacher, and as many as possible of the illustrations and applications of the various subjects discussed are drawn from the schoolroom and its problems. Pupils are asked always to draw their illustrations from their own experience, and to test and prove whether or not the deductions of the author studied are correct. Frequent practice in introspection is given. Text: Betts's *The Mind and Its Education*.

School Administration.

GRADES SCHOOL MANAGEMENT. *One-half unit credit.*

Summer Term, and each Semester.

This course will be open to students of the Secondary School who have had two or more years of experience as teachers in rural or graded schools, and to such students only. It will be conducted as a rapidly moving class. While this will be a general course, considering the work in both graded and ungraded schools, the emphasis will be placed on conditions as found in the village and small city school. Colgrove's *The Teacher and the School* will be used as a textbook.

RURAL-SCHOOL METHODS AND MANAGEMENT. *One-half unit credit.*

Summer Term, and each Semester.

This course is organized for Secondary School students who expect to do more or less teaching before entering their college work. It consists of a study of school site and grounds, house and equipment, school hygiene and sanitation, preparation and personality of the teacher, first day, daily program, play and playgrounds, school government, school incentive, school ethics, the recitation, how to study, library and its use, agriculture in the country school, consolidation and rural-school problems.

The work in methods embraces the visitation of our Model Rural School and the discussion of methods of teaching in rural schools, laying special stress upon primary reading, language teaching, seat work, and nature study.

LIST OF STUDENTS.

THE COLLEGE.

GRADUATE STUDENTS.

Altman, Clara, Emporia.
Bailey, Will, Emporia.
Baird, Brownlee E., Centralia.
Baner, Audrey Lucretia, Wichita.
Benson, Mrs. Harriet E., Concordia.
Burnett, Helen, Hymer.
Cannady, Jennie, Emporia.
Cox, Elizabeth, Wellsville.
Curry, Bessie, Emporia.
Darrough, Abbie, Emporia.
Davies, Sophia, Lebo.
Dodge, Alice, Emporia.
Douglas, Aubrey, Emporia.
Douglas, Jennie, Emporia.
Frankenberger, Donald, Emporia.
Givin, Grace, Emporia.
Harris, Ethel Elsie, Emporia.
Haynes, Mabel, Emporia.
Howell, Edith, Emporia.
Lawton, Edan E., Americus.

Meador, C. N., Fort Cobb, Okla.
Newbry, Lillie, Emporia.
Nicholas, Charles, Emporia.
Oliver, Charles, Emporia.
Peters, J. C., Utica.
Pilcher, Blanche, Olathe.
Sellards, Martha, Burlingame.
Skiles, Eleanor, Augusta.
Skoglund, D. S., Jamestown.
Stiles, Mary, Ottawa.
Swan, Mary, Emporia.
Swanson, A. M., Escanaba, Mich.
Thompson, Ruth C., Marquette.
Tilford, Claude, Emporia.
Turner, Clair, Emporia.
Waddell, Fern, Kingfisher, Okla.
Wallace, Ray, Emporia.
White, Grace Pauline, Kansas City.
Wooster, Ruth E., Emporia.

COMPLETED WORK FOR A. B. DEGREE IN AUGUST, 1914.

Baptist, Eleanor, Emporia.
Feltner, Elmina, Emporia.
Grubb, Laura, Phillipsburg.
Mercer, Frank, Emporia.

Lipper, Frederick, Emporia.
Marsh, Bessie, Kincaid.
Postma, Virgil Elias, Lone Star.

COMPLETED WORK FOR B. S. DEGREE IN AUGUST, 1914.

Beach, James H., Hays City.
Felter, Harry, Emporia.
Gambill, William, McCune.

Ramsey, Homer, Redfield.
Wait, George, Penalosa.
Williams, John R., Emporia.

CANDIDATES FOR A. B. DEGREE IN JUNE.

Baker, Ira W., Manhattan.
Bixler, Mrs. W. S., Emporia.
Colegrove, Ralph, Girard.
Conklin, Minnie, Wichita.
Cox, Ellen, Wellsville.
Fife, Elizabeth, Dehra Dun, India.
Fife, Eunice, Dehra Dun, India.
Frederikson, Otto F., Allen.
Gallagher, Bernice, Emporia.
Hansen, Ida Mary, Greenleaf.
Hendrix, Samuel D., Emporia.
Hime, Forest Ray, Emporia.
Holton, Ethel, Miltonvale.
Howard, Mary G., Emporia.
Hunsberger, Nina, Salina.
Hutchings, Sara C., Emporia.
Iden, Gaye, Emporia.
Isaacs, Le Roy, Eskridge.
Kittell, Mrs. W. E., Emporia.
Lock, Lora M., Emporia.
Loevenguth, John C., Emporia.
McCullough, Edna, Emporia.
Minner, Lucy Mary, Soldier.

Morrison, Katherine, Emporia.
Ogg, Tressa Roxanna, Ottawa.
Osborn, Thomas E., Emporia.
Parke, Marian Frances, Emporia.
Peck, Ruby M., Garnett.
Pocock, E. C., Waverly.
Richards, Florence, Richards, Colo.
Robertson, Raymond W., Emporia.
Scott, Ira O., Thayer.
Scott, Stanley, Oakley.
Seaver, Wirt D., Severy.
Smiley, Verna, Silver Lake.
Thomas, Mary Eleanor, Emporia.
Thomas, Ola M., Emporia.
Thompson, Fred, Oskaloosa.
Thompson, Roy H., Emporia.
Van Campen, Harry, Linn.
White, Edith Maria, Holton.
Whitehouse, Maude, Eskridge.
Wolfe, Esther, Salina.
Wooster, Florence, Emporia.
Wright, Charles W., Emporia.

CANDIDATES FOR THE B. S. DEGREE IN AUGUST.

Bleam, Louise E., Osborne.
Briggs, Ruby, Sedgwick.
Chandler, Roscoe J., Colony.
Cole, Mabel Anna, Emporia.
Coleman, Cora E., Emporia.
Gore, Elvin G., Emporia.

Jevons, Beulah, Wakefield.
McGuffey, Verne, Erie.
Thompson, William R., Ness City.
Wiley, Beulah, Olathe.
Zavodsky, Elmer E., Cuba.

COLLEGE SENIORS NOT COMPLETING WORK FOR DEGREE.

Baker, Annie Florence, Topeka.
 Burkhead, Carl, Centerville.
 Chauncey, Alvah B., Douglass.
 Culbertson, James H., Hepler.
 Ferguson, Lulu, Sterling.
 Fickel, Walter E., Agenda.
 Hail, Ruth M., Emporia.
 Harris, Verle, Emporia.
 Hutcherson, Rose, Arnold.
 Ireland, Ethel, Emporia.
 Isaacs, Le Roy, Holton.
 Jones, Catherine, Emporia.
 Kittell, Eugene C., Topeka.
 Kraemer, Cornelius, Vermilion.
 McClune, Roxilla, Arkansas City.
 McGinnis, Ethel, Bronson.

Magee, Florence, Conway Springs.
 Maurer, Fern, Augusta.
 Meyer, Walter J., Linn.
 Minner, Roxie, Soldier.
 Pruett, Bertha L., Larned.
 Rees, Ernest C., Girard.
 Senter, A. F., Great Bend.
 Sinclair, Crawford C., Topeka.
 Spencer, Ruth, Emporia.
 Sword, Charles G., Reading.
 Walters, Fred C., Neosho Falls.
 White, W. P., Le Roy.
 Wood, W. A., Beattie.
 Woods, William P., Kincaid.
 Wooster, David, Emporia.

COLLEGE JUNIORS.

Anderson, Helen, Emporia.
 Armstrong, Eva M., Wathena.
 Barnes, M. Floy, Wichita.
 Bartlett, Glenn, Belle Plaine.
 Baustain, Henry F., Lucas.
 Becker, Earl, Emporia.
 Benedix, Margaret L., Valley Falls.
 Betz, Inza, Asherville.
 Blackburn, Mrs. M., Wilder.
 Blakeley, Georgiana, Emporia.
 Blakeley, Myrtle, Emporia.
 Bradley, Carrie Fay, Emporia.
 Brandenburg, Georgia, Bushong.
 Carey, Lloyd, Reading.
 Coleman, Cora, Emporia.
 Cook, Gracia, Parsons.
 Cooper, Doris, Springfield, Mo.
 Daniels, Ellen, Syracuse.
 Daum, Myrtle Eva, Nortonville.
 Davis, Nannie Lee, Clearwater.
 DeForest, Augusta, Wetmore.
 Dickason, Essie M., Emporia.
 Duffy, Alda W., Vermilion.
 Ellis, Cora, Merriam.
 Elliott, Mary M., Emporia.
 Ellsworth, Bertha, Emporia.
 Etzold, Grace, Liberal.
 Fagan, Theresa, Reading.
 Faidley, Jennie, Broughton.
 Fairchild, Mary O., Earlton.
 Felker, Preston R., Hoyt.
 Finn, John, Paola.
 Flear, Thomas H., Greenleaf.
 Forde, Mary E., Emporia.
 Foster, Cornelius, Kincaid.
 Gambill, Marcus, McCune.
 Garrett, Katherine, Neodesha.
 Gaston, Nina, Erie.
 Grant, Gertie, Oswego.
 Graves, Johnnie Mae, Elk City.
 Groomer, Pearle, Shaw.
 Hagge, Mrs. Elizabeth, Pleasanton.
 Haney, Kathryn, Fontana.
 Hare, Fannie Mary, Chanute.
 Harper, Bertha, Colony.
 Harris, Alfred, Emporia.
 Harris, Hazel, Emporia.
 Harris, Herschel, Moline.
 Hege, Loy, Emporia.
 Hembling, Mrs. Nina, Emporia.
 Hensley, Nellie, Emporia.
 Hill, Charles Williard, Formoso.
 Hills, Nella, Topeka.
 Hodges, Clara F., Ottawa.
 Honn, Blanche, Emporia.
 Hothan, Mary Louise, Lyndon.
 Houston, Eula, Potwin.
 Hurley, Genevieve, Meriden.
 Jaggard, Louise, Emporia.
 Jenks, Gertrude, Emporia.
 Johnson, Anna O., Kansas City, Mo.

Johnson, Elizabeth Alma, Emporia.
 Johnson, Mary E., Dwight.
 Kappelmann, Benjamin, Morganville.
 Kircher, Clarence A., Ellsworth.
 Kitchen, Claude, Emporia.
 Largent, Martha, Quenemo.
 Larson, Emil L., Chanute.
 Lock, Faye, Emporia.
 Loveless, Inez, Emporia.
 Lohmuller, Constance, Centralia.
 Lyness, Arthur S., Simpson.
 McClain, Geneva, Emporia.
 McConnell, William, Council Grove.
 McCullough, Roberta, Emporia.
 McCullough, Ruth, Emporia.
 McDowell, Sadie, Emporia.
 McGuire, Harry, Valley Falls.
 Markwell, Ethel, Wichita.
 Marlowe, Charles, Hartford.
 Martin, B. F., Newton.
 Maxson, Mae, Emporia.
 Menahan, John, Beattie.
 Miller, Frank R., Cimarron.
 Miller, Fred Lapham, Herington.
 Molesworth, Fred, Emporia.
 Morgan, Elizabeth, Emporia.
 Moore, Webster, Thayer.
 Morrison, Roy L., Emporia.
 Myers, Launah, Minneola.
 Nanninga, Kathryn, Emporia.
 Nanninga, Carrie, Emporia.
 Nanninga, Tjaart, Emporia.
 Ogg, Esther E., Emporia.
 Paddock, Anabel, Iola.
 Palmer, Florence, Hope.
 Palmer, Ruth, Emporia.
 Palmquist, Amy, Lindsborg.
 Payne, Ruth Elizabeth, Emporia.
 Peek, Mildred, Valley Falls.
 Peek, Zemira, Valley Falls.
 Perkins, Birdie, Newton.
 Pomeroy, Charles F., Emporia.
 Postma, R. A., Barclay.
 Puliver, Grazzella, Emporia.
 Ramsburg, Elsa, Emporia.
 Raucher, John Howard, Emporia.
 Redd, Etta, Enterprise.
 Reser, Antoniette, Bigelow.
 Rhodes, Pearl, Topeka.
 Riggs, Janet, Murdock.
 Riggs, Myrtle, Wichita.
 Ringburg, Myrtle, Lindsborg.
 Robinson, Mrs. C. M., Emporia.
 Rogers, Alice, Emporia.
 Rogers, Mae, Manhattan.
 Romer, Ralph, Emporia.
 Rowles, Laura, Wichita.
 Schlagle, Leslie, Wolcott.
 Sellards, Mae, Lawrence.
 Sexton, Lucile, Severy.
 Shore, Maud, White City.

COLLEGE JUNIORS—*continued.*

Skinner, Alta W., Stafford.
 Sloan, James C., Lecompton.
 Slough, Katherine, Quincy.
 Smiley, Pearl, Silver Lake.
 Smith, Lida May, Emporia.
 Stephens, Mrs. Myrtle, Emporia.
 Stevenson, Edmund J., Emporia.
 Stiles, Ethel, Crestline.
 Strawman, Mabel M., Emporia.
 Switzer, Ethel, Emporia.
 Taylor, Bernice, Sedgwick.
 Taylor, Elizabeth, Sedgwick.
 Taylor, Glen, Emporia.
 Thompson, Clarence A., Walton.
 Thompson, Henry, Cottonwood Falls.
 Thompson, Kate, Topeka.
 Throckmorton, Alice, Burlington.
 Trigg, Thomas S., Parker.
 Trusdale, J. William, Emporia.
 Wade, Elizabeth, Emporia.
 Waldron, J. Harley, Louisburg.
 Ward, Cora, Emporia.
 Waterman, Maude, Florence.
 Wayland, Edith, Girard.
 Wilcoxson, Myrtle, Emporia.
 Williams, Frank T., Medicine Lodge.
 Wills, Myrtle, Wichita.
 Winston, J. C., Lawrence.
 Yoder, Jonathan J., Enterprise.

COLLEGE SOPHOMORES, LIFE DIPLOMA IN AUGUST, 1914.

Adamson, Nellie, Erie.
 Albin, Estella, Goodland.
 Atkeson, George, Altoona.
 Bates, Della, Grenola.
 Berneking, Lydia, Simpson.
 Bonwell, Gladys, Emporia.
 Breneman, John, Hoyt.
 Brock, Edythe, Nortonville.
 Brown, Chloe, Troy.
 Buck, Helen E., Lawrence.
 Callaway, Arthur, Douglass.
 Carter, Elsie, Natoma.
 Carter, Louise, Natoma.
 Cole, Edith, Topeka.
 Cole, Richard, Emporia.
 Cox, Pearl, Wichita.
 Corbett, M. Edna, Valencia.
 Creighton, Nora D., Belleville.
 Crosswhite, William, Parker.
 Cross, Maude, Emporia.
 Davis, Mrs. Eleanor, Emporia.
 Dickie, Edith, Grenola.
 Dymacek, Rose, Caldwell.
 Edgington, Bessie, Burlingame.
 Englund, Sigrid, Falun.
 Fay, Agnes, Atchison.
 Fenton, Hazel, Garnett.
 Franz, Ida M., Rozel.
 Gambill, Kathryn, McCune.
 Gardner, Bertha, Kingman.
 Harrison, D. C., Tampa.
 Hail, Florence, Emporia.
 Harvey, Cora E., Goddard.
 Hunt, Roy C., Narka.
 James, Haddon B., Emporia.
 Jeter, Lillian, Alden.
 Jones, Cora Belle, Emporia.
 Lock, Lora, Emporia.
 Lott, Nell, Wellsville.
 McCluney, Roxilla, Arkansas City.
 McGinty, Ruth, Junction City.
 McQuiston, Ray, Independence.
 Malhorn, Minnie, Walnut.
 Miller, Albert R., Bonner Springs.
 Miller, Anna O., Hope.
 Milner, June, Hartford.
 Nanninga, Simon, Emporia.
 Negley, K. H., Hutchinson.
 O'Brien, Nora, Wellington.
 Pierson, Wren, Burlington.
 Pinkerton, Marguerite, Emporia.
 Prather, Nell, Protection.
 Railsback, Mary E., Langdon.
 Rankin, Louisa, Emporia.
 Reed, J. H., Moline.
 Rees, Edith King, Downs.
 Rice, Myrtle, Marion.
 Robbins, Florence, Norwich.
 Roberts, Grace, Kansas City.
 Rogers, Alice, Emporia.
 Rollman, Helen, Brookville.
 Sadlermire, Hazel, Topeka.
 Sauressig, May, Emporia.
 Sharp, Aurilla, El Dorado.
 Slagle, M. C., Wheeler.
 Smith, Ralph, Kincaid.
 Sophor, Myrtle, Topeka.
 Stevenson, Orma, Altamont.
 Taylor, Mrs. Margaret, Sterling.
 Thomas, Owen, Melvern.
 Trusdale, Grace, Emporia.
 Van Scoik, Roy H., Aulne.
 Van Keuren, Helen, Baldwin.
 Ward, Cora V., Newton.
 Warner, Ione, Burlington.
 West, Edward Moore, Nickerson.
 Whitecraft, G. E., Oskaloosa.
 Withers, Helen, Bronson.
 White, W. P., Le Roy.

KINDERGARTEN LIFE DIPLOMA, AUGUST, 1914.

Porter, Alma, Emporia.

CANDIDATES FOR LIFE CERTIFICATE IN JUNE, 1915.

Abels, Edwin, Eudora.
 Adams, Minnie, Bronson.
 Aitken, Nellie, Gypsum.
 Alsop, Inez Gertrude, Wakefield.
 Barker, Katherine, Topeka.
 Barrett, Mrs. Arena Hodges, Emporia.
 Bartlett, Glenn C., Belle Plaine.
 Beattie, Alva, Atchison.
 Bement, May E., Kingman.
 Betz, Neva, Beloit.
 Bibler, Elsie, Florence.
 Bidleman, Chester, Kinsley.
 Bingham, Beatrice, Wichita.
 Blackmar, Nellie, Scott City.
 Blackwood, Lena, Clay Center.
 Boddy, Mary, Norton.
 Bollin, John J., Leavenworth.
 Botkin, Frances, Lansing.
 Bradfield, Roy, Attica.
 Bradshaw, Edward, Altoona.
 Brickell, Florence, Saffordville.
 Brown, Earl, Attica.
 Brown, Mabel A., Emporia.
 Brune, Mayme, Lawrence.
 Caldwell, Martha, Lecompton.
 Campbell, Edith, Mulvane.
 Carter, Elsie M., Emporia.
 Chatterton, Margaret, Reading.
 Cleland, Alice, Emporia.
 Cole, Mabel Anna, Emporia.

CANDIDATES FOR LIFE CERTIFICATE IN JUNE, 1915.

Coleman, J. Sidney, Emporia.
 Cottrill, Jeanetta, Emporia.
 Crawford, Beryl Ray, Hutchinson.
 Crumly, Dott, Colby.
 Davis, Edith Joyce, Arkansas City.
 Davis, Rex, Spearville.
 Dehn, Clara Eloise, Williamsburg.
 Dewey, Delmer, Chanute.
 De Witt, C. J., Salina.
 Downs, Hazel, Garden City.
 Dunn, Perry K., Jetmore.
 Eakes, Alice Amonta, Caney.
 Eilenberger, Lena, Emporia.
 Epperson, Carrie, Scott City.
 Fagan, Nellie, Reading.
 Fox, Eva, Emporia.
 Gallagher, Lola Agnes, Hoxie.
 George, William H., Hiawatha.
 Geller, Alice Louise, Burns.
 Good, Elsie M., Cimarron.
 Gore, Alvin G., Emporia.
 Gower, Frances, Russell.
 Graham, Bessie, Neodesha.
 Grant, Nellie, Horton.
 Gregory, Abigail C., Pratt.
 Hall, Nora M., McPherson.
 Hargis, Kate M., Kincaid.
 Harrop, Marguerite, Wichita.
 Hart, Harry B., Dexter.
 Heidemann, Vera, Emporia.
 Hemphill, Irene, Horton.
 Henderson, Miriam, Topeka.
 Howe, Margaret, Burlington.
 Hunt, Walter J., Parsons.
 Inghram, Jessie, Newton.
 Irwin, Gayl, Lawrence.
 Jackson, Loraine, Kansas City, Mo.
 Jackson, Marjorie, Washington.
 Jefferson, Katherine, Emporia.
 Jones, Agnes Henrietta, Sedgwick.
 Jones, Elizabeth Ellen, Emporia.
 Kenney, Marian F., Topeka.
 King, Adelaide, Junction City.
 Kissell, Neva May, Emporia.
 Kitchen, Martha, Osawatometie.
 Kliewer, Kathryn Marie, Newton.
 Konantz, H. H., Emporia.
 Lanning, George, Haven.
 Larzelere, Margaret, Wathena.
 Lewis, Dennis, Kingfisher, Okla.
 Locke, Erma Elizabeth, Phillipsburg.
 Lynn, Fred H., Emporia.
 McCabe, Jane, Onaga.
 McCracken, Bertha, Rose Hill.
 McDowell, Candace, Arkansas City.
 McGrath, Alice, Waverly.
 McMurtry, Gertrude, Coffeyville.
 Maule, Blanche, Kansas City, Kan.
 Meairs, Clifford, Dodge City.
 Messick, Jessie Lea, Hill City.
 Meyers, Margaret E., Belle Plaine.
 Mitchell, Flora I., Republic.
 Montgomery, Margaret Gray, Emporia.
 Morrison, Helen G., Stockton.
 Mortimer, Elizabeth, Delphos.
 Musch, Grace, Elmo.
 Myers, Launah, Minneola.
 Myers, Oliver, Emporia.
 Officer, Earle, Emporia.
 Ott, Anna Elizabeth, Hamilton.
 Parker, Ada, Emporia.
 Parks, Grace, Topeka.
 Paterson, Mary Viola, Yates Center.
 Patterson, Mabel Mildred, Neodesha.
 Paxton, Mildred, Emporia.
 Payne, John Howard, Emporia.
 Picket, Alma L., Emporia.
 Pringle, Margaret, Rose.
 Rahe, Anna W., Winkler.
 Ramsburg, Elsa, Emporia.
 Reilly, Madge, Iola.
 Rich, Elsie, Emporia.
 Richards, Faye, Emporia.
 Riggs, Nina B., Murdock.
 Robinson, Charles, Nortonville.
 Rowles, Francis, Wichita.
 Schlegel, Julia, Fort Scott.
 Shaffer, Blanche, Valley Falls.
 Showalter, Grace, Baldwin City.
 Smith, Orra M., Lakin.
 Snyder, Clara M., Soldier.
 Sparks, Lillian, Wichita.
 Starkey, Ray, Kingman.
 Still, Cora, Manhattan.
 Stokes, May Belle, Hillsboro.
 Straka, Hilda E., Emporia.
 Strawman, Jennie, Emporia.
 Swavze, Alma, Ashland.
 Taylor, Katherine, Emporia.
 Thomas, Ruth, Munden.
 Todd, Mrs. Mary E., Emporia.
 Van Arsdale, Dorinda, Salina.
 Vandegraft, Zacha, Emporia.
 Van Nice, Fred, Richland.
 Venables, Mabel, Bellaire.
 Wade, Adah, Emporia.
 Wade, Lola, Chanute.
 Walker, Hazel, Emporia.
 Wallace, Harry D., Lincoln.
 Warner, Bertha, Wichita.
 Weatherly, Marie, Emporia.
 White, Carl, Emporia.
 Whitted, Edith D., Mulvane.
 Wilks, Alice, Emporia.
 Williams, Birdie, Osawatometie.
 Williams, Gladys Olwen, Emporia.
 Wilson, Grace Ernestine, Tulsa, Okla.
 Wilson, Molly, Emporia.
 Wilson, Rena E., Guthrie, Okla.
 Wishard, Ula, Emporia.
 Workman, Lillian Gertrude, Emporia.
 Zavadsky, Elmer E., Cuba.

CANDIDATES FOR THE LIFE CERTIFICATE IN AUGUST.

Armour, Mabel, Strong City.
 Ashenfelter, Leverage, El Dorado.
 Bowman, Melvin E., Benedict.
 Brewer, Josephine, Riley.
 Brown, Harry Holmes, Emporia.
 Buck, Andy E., Thayer.
 Cox, Elizabeth Beebee, Emporia.
 Curry, Mabel, Emporia.
 Elvin, Cora E., Toronto.
 Ernest, Mamie, Shawnee, Okla.
 Evans, Annagrace, Lebo.
 Fagan, Elizabeth, Reading.
 Filley, Grace, Irving.
 Floyd, Vernita, Topeka.
 Focht, Ralph, Emporia.
 Hall, Thomas N., Emporia.
 Heflefinger, Lillie, Yates Center.
 Henline, Lottie, Arkanon.
 Humble, Emma, Abilene.
 Johnson, Maude Gertrude, Kansas City, Kan.
 Jones, Edith, Emporia.
 Jones, Iva, Emporia.
 Jones, Sylvia, Emporia.
 Jones, Zell, Yates Center.
 Mauck, Gladys, Emporia.
 Meath, Campbell, Humboldt.
 Okeson, Bertha, Fairview.
 Piper, Helen, Irving.
 Riley, LeRoy, Wellsville.
 Ritchie, Bertha, Hutchinson.
 Roberts, Mrs. Maude, Williamsburg.
 Shirk, Lillian, Lost Springs.
 Simpson, Margery, Attica.
 Stevenson, Naida, Ashland.
 Townsend, Janie, Girard.
 Whitby, Edna, Emporia.
 Wishard, Opal, Emporia.

CANDIDATES FOR KINDERGARTEN LIFE DIPLOMA IN JUNE.

Conklin, Minnie, Wichita.
 Crawford, Beryl, Hutchinson.
 Fife, Elizabeth, Dehra Dun, India.
 Floyd, Vernita, Topeka.
 Howe, Margaret, Burlington.
 McDowell, Candace, Arkansas City.

Messick, Jessie Lea, Hill City.
 Sparks, Lillian, Wichita.
 Wilson, Grace E., Emporia.
 Wilson, Molly, Emporia.
 Wilson, Rena Elizabeth, Guthrie, Okla.

CANDIDATES FOR THE KINDERGARTEN LIFE DIPLOMA IN AUGUST.

Irwin, Gayl, Lawrence.
 Montgomery, Margaret Gray, Emporia.

Stevenson, Naida, Ashland.

SOPHOMORES.

NOT COMPLETING WORK FOR LIFE CERTIFICATE.

Abel, Mildred, Ness City.
 Ackley, Florence, Portis.
 Allen, Mary Beatrice, Kingman.
 Anderson, Katherine, Alma.
 Anderson, Olive E., Salina.
 Arbuthnot, Mary, Belleville.
 Armstead, Lucile, Emporia.
 Austin, Letta, Formoso.
 Baldwin, Louis E., Lyons.
 Barnes, Bernice, Atchison.
 Barnes, Cyrus, Emporia.
 Belting, John, Emporia.
 Berger, Leal, Wilson.
 Betts, Lula, Norcatur.
 Bibler, Elsie, Florence.
 Bibler, Ethel, Florence.
 Bigger, Edward, Burlingame.
 Bixley, Bessie, Osawatimie.
 Blake, Marguerite, Atchison.
 Bostwick, Ella, Iola.
 Brandenburg, Georgia, Bushong.
 Branscom, Mae, Emporia.
 Breneman, Theda, Emporia.
 Bridges, Thyra, Topeka.
 Briggs, Clifton, Emporia.
 Burnette, Emma, Burlington.
 Burney, Carrie, Hutchinson.
 Burns, Amy, Burlingame.
 Burns, Mabel, Emporia.
 Callaway, Fern, Greenleaf.
 Carruthers, Esther, Oklahoma City, Okla.
 Cawley, Hazel K., Cottonwood Falls.
 Chaney, Helen, Burlington.
 Clarkson, Mildred, Anthony.
 Clements, Floyd, Chanute.
 Collins, Bernice Eola, Fredonia.
 Colyer, Clyde, Belpre.
 Combs, Hazel, Emporia.
 Conrad, Elnora, Windom.
 Cortner, Maude, Otego.
 Cox, Emma, Burlingame.
 Crawford, Carlos, Emporia.
 Cutting, Bernice, Rose Hill.
 Damerell, Carrie, Emporia.
 Davis, Estella, Lakin.
 Davis, Ruth, Salina.
 Delaney, Ethel, Dighton.
 Detlor, Grace, Grantville.
 Deyo, Elizabeth, Augusta.
 DeYoung, Ruth, Emporia.
 Diver, Ethel R., Neosho Falls.
 Dixon, John A., Leon.
 Dodge, Blanche, Emporia.
 Downing, Myrtle, Little River.
 Doyle, Angela, Emporia.
 Drollinger, Nellie P., Humboldt.
 Dumond, Edward J., Garden City.
 Dunsworth, John, Emporia.
 Eaton, Hazel, Erie.
 Eaton, Myrtle, Topeka.
 Ebright, Carolyn, Peabody.
 Eccles, Evaline, Hutchinson.
 Edwards, Hugh, Hamilton.
 Elder, Helen, Olivet.
 Elliott, Bertha, Emporia.

Everley, Mary, Emporia.
 Ferguson, Lu Etta, Emporia.
 Field, Hollie, Yates Center.
 Flinger, Charles J., Cuba.
 Fitzpatrick, Helen, Emporia.
 Fleming, Louise, Summerfield.
 Funchess, Zoula, Topeka.
 Funston, Edgar, Deerfield.
 Gardner, Lillian, Kingman.
 Gardner, Mabel, Neosho Falls.
 Gaylord, Martha, Belleville.
 Given, George, Emporia.
 Goessy, Inez, Americus.
 Gordon, Jennie, Emporia.
 Griffith, Rosalie, Lawrence.
 Hall, Pearl, Kiowa.
 Hamill, Floyd, Colby.
 Hannon, Cora, Rosedale.
 Hargett, Ray, Emporia.
 Harr, Mabel, Emporia.
 Harris, Cathlene, Eudora.
 Hartwig, Fred, Humboldt.
 Haworth, Freida, Emporia.
 Haxton, Nora, Chase.
 Hays, Louella, Ottawa.
 Heaton, Dorothy, McPherson.
 Hemenway, Edna, Emporia.
 Hendrickson, Irl, Emporia.
 Holmes, Vera, White City.
 Honn, Pearl, Uniontown.
 Hopkins, Grace, Emporia.
 Houts, Blanche, Hiawatha.
 Houts, Grace, Hiawatha.
 Hudson, Jewel, Rogers, Ark.
 Huffman, Charles, Belle Plaine.
 Hurst, Jennie, Wichita.
 Jones, Dora E., Emporia.
 Kerr, David, Eskridge.
 Kjellin, Alice, Garrison.
 Kliphardt, Clara, Holton.
 Koons, Ralph, Hutchinson.
 Krueger, Carrie, Bison.
 Ladner, J. H., Emporia.
 Lapham, Marsena, Wetmore.
 Lehman, Adin F., Humboldt.
 Leighty, Robert, La Harpe.
 Lempenau, Clara, Westmoreland.
 Lewis, Dennis, Kingfisher, Okla.
 Lewis, Jessie, Onaga.
 Linscheid, Emily, Arlington.
 Little, Florence, Eureka.
 Lochridge, Lida, Sabetha.
 Lockhart, Myrtle, Humboldt.
 Lockman, Cloudsley, Dodge City.
 Long, Ethel, Murdock.
 Lore, Marjorie, Emporia.
 Lorimer, Anna May, Willis.
 Luehring, Herman, Hanover.
 McCollum, Beatrice, Santa Fe.
 McCollum, Lenora, Santa Fe.
 McComb, Mattie, Alma.
 McDowell, Ruth, Emporia.
 McQuillen, Sophia, Clifton.
 MacElree, Mrs. Harriett, Emporia.
 Macklin, Irma, Burns.

SOPHOMORES—concluded.

Malhorn, Helen, Walnut.
 Marlowe, Clarence, Hartford.
 Marooney, Mrs. Anna, Emporia.
 Melbert, Setha, Gypsum.
 Menchan, Frank, Beattie.
 Meyers, Mary E., Belle Plaine.
 Miller, Eva, Muscotah.
 Mitchell, Nell, Newton.
 Monroe, Lena P., Emporia.
 Monypenny, Mabel, Hartford.
 Monypenny, William, Hartford.
 Moody, Gail H., Topeka.
 Mulvaney, Otto, Erie.
 Mulvaney, Roy, Erie.
 Nanninga, Elizabeth, Emporia.
 Naylor, Anabel, Topeka.
 Nemecheck, Lillie, Abilene.
 O'Brien, Margaret, Tonganoxie.
 Ott, G. R., Hamilton.
 Page, Ellen, Topeka.
 Pasley, Sadie, Sycamore.
 Perry, Mary, Rosedale.
 Peters, Shirley, Bushong.
 Pratt, McKinley, Emporia.
 Prowant, Vernie M., Emporia.
 Prowse, Minnie A., Emporia.
 Pyles, Chloe, Atchison.
 Randall, Harry, Onaga.
 Reynolds, Sadie, Scranton.
 Robertson, Ada, Caldwell.
 Rost, Fred, Sedan.
 Rothrock, Reba, Culver.
 Rundus, Benj., Munden.
 Saueressig, Iva, Emporia.
 Schwinley, Audrey, Lawrence.
 Scott, Elsie, St. John.
 Shively, Mabel, Carbondale.

Showers, Mary, Neosho Rapids.
 Shumate, Blanche, Eskridge.
 Smith, Olive A., Emporia.
 Snyder, Carl O., Soldier.
 Soper, Susie, Hutchinson.
 South, Floyd J., Emporia.
 Speer, Sarah Eunice, Alua.
 Spence, Mrs. Elsie, Bonner Springs.
 Spencer, Ambrose, Emporia.
 Stark, Orville, Elk City.
 Stilwell, Helen, Eureka.
 Sullivan, Mrs. J. V., Boyera.
 Supple, Marie, Scranton.
 Sylester, Ida, Riley.
 Taylor, Roy H., Bucklin.
 Tinkler, Rose, Gypsum.
 Tisdale, Ariel Pernilla, Russell.
 Todd, Bessie, Emporia.
 Trego, Linton, Humboldt.
 Unruh, Della Julia, Pawnee Rock.
 Van Petten, Harry, Washington.
 Vaughn, Ella R., Wichita.
 Wallace, Harry D., Waverly.
 Wallace, Rose, Brookville.
 Waterman, Florence, Florence.
 Watson, W. M., Emporia.
 Weber, Charles, Winkler.
 Welch, Rhoda, Haddam.
 Whitelaw, Isabel, Cheney.
 Whitten, Mae, Marysville.
 Wilmore, Clyde, Emporia.
 Woodruff, Albert, Ames.
 Wren, Eva, Kincaid.
 Wynant, Bess, Salina.
 Young, Leslie, Emporia.
 Zahm, Hazel, Oneida.

COLLEGE FRESHMEN.

Abrams, Dorothy, Emporia.
 Acker, Bertha Mae, Grenola.
 Adams, Lucy H., Wichita.
 Adams, Jennie, Norcatour.
 Adams, Pearl, Iola.
 Adams, Susie, Grenola.
 Adamson, Ethel Austin, Erie.
 Adamson, Virginia, Erie.
 Adkinson, Omer, Brownell.
 Alden, Orpha L., Emporia.
 Alexander, Blanche, Garnett.
 Alexander, Pearl, Clay Center.
 Allis, Verna, Baldwin.
 Allsup, Gladys, Hamilton.
 Alsop, Ethlyn, Wakefield.
 Altman, Elizabeth, Topeka.
 Ambrose, Vida E., Wessington Springs, S. D.
 Anderson, Ada, Abilene.
 Anderson, Elvera C., Scranton.
 Anderson, Harry, Oberlin.
 Anderson, Mary Elizabeth, Alma.
 Anderson, Olive Elizabeth, Salina.
 Andreen, Elsie, Scranton.
 Andrews, Madge, Coffeyville.
 Andrews, Velle Vernelle, Neosho Rapids.
 Andrus, Grace, Elsmore.
 Archer, Helen, Centralia.
 Ard, Viva, Elsmore.
 Armour, Zedna, Strong City.
 Arnold, Eula, Neodesha.
 Arnold, William Proctor, Girard.
 Asher, Gladys, Great Bend.
 Austin, Josephine, Oskaloosa.
 Babb, Florence Elizabeth, Petrolia.
 Babcock, Julia, Neosho Falls.
 Backstrom, Henry, Enid, Okla.
 Bacon, Alyce, Emporia.
 Bailor, Geneva, Ness City.
 Baird, Martha, Marquette.
 Baker, Ella Brown, Bucklin.
 Balderson, Ruth, Wamego.

Baldwin, Ella May, Bucklin.
 Ball, Earl, Stafford.
 Banks, Mary Ruth, Salina.
 Banta, Clarence, La Harpe.
 Baptist, Lucy Christabel, Emporia.
 Barner, Myrtle, Pleasanton.
 Barnes, Ruby, Cedar Vale.
 Barnes, Rebecca, Emporia.
 Bartholomew, Ethel, Mulvane.
 Bartley, Maude, Wichita.
 Bateman, Martha, Collinsville, Okla.
 Bearg, Lester C., Sabetha.
 Beatty, Beryl, Linn.
 Bechtel, Frida E., Topeka.
 Behmer, Earl, Hamilton.
 Beltz, Harry, La Crosse.
 Benfield, Elizabeth, Salina.
 Bennett, Synthia, Cassoday.
 Bengtson, Frances, Wichita.
 Benscheidt, Ella, Hutchinson.
 Bergman, Frank, Emporia.
 Berger, Hazel, Douglass.
 Berner, Jouetta, Wamego.
 Berney, Elizabeth, Horton.
 Betz, George, Asherville.
 Bideau, Kathryn, Rose.
 Billbe, Bess, Iola.
 Birchett, Harriet, Americus.
 Bishop, Hazel, Emporia.
 Black, Georgia, El Dorado.
 Blackledge, Huldah, Garnett.
 Blagg, Blanche, Neosho Falls.
 Blake, Grace, New Ulysses.
 Bleakley, Charlotte, Emporia.
 Blevins, Cynthia M., Oskaloosa.
 Bloomfield, Bertha E., Winfield.
 Blue, Mrs. Maude, Canton.
 Boerstler, Bessie M., Chanute.
 Bollen, Charlotte, Le Roy.
 Bond, Blanche, Lincoln.
 Bonwell, Stella, Emporia.

COLLEGE FRESHMEN—*continued.*

- Boothe, Ruby, Kiowa.
 Boughton, Nellie, Emporia.
 Bowen, Fred Wallace, Turon.
 Bower, Eloise, Lincoln.
 Bowersock, Anna, Emporia.
 Bowman, Ethel, Holcomb.
 Bowman, Helen, Holcomb.
 Bozarth, Howard, Eskridge.
 Bradley, Edith, Norcatur.
 Bradley, Melcena, Wellington.
 Bradshaw, Clara B., Altoona.
 Bradshaw, Harriet, Washington.
 Bradshaw, Ralph, Altoona.
 Brandner, Anna, Burns.
 Briggs, Esther, Sedan.
 Brock, Ernest, Leon.
 Brooks, Chester A., Beattie.
 Brooks, Ole, Park.
 Brown, Anna, Topeka.
 Brown, Clara L., Osage City.
 Brown, Edwin J., Clifton.
 Brown, Helen, Troy.
 Brown, Lora, Coffeyville.
 Brown, Sara, Caldwell.
 Brown, Virginia, Augusta.
 Browne, Hazel, Lakin.
 Bruce, Fay, Marquette.
 Buckland, Clara, Hutchinson.
 Burgard, Josephine, Leavenworth.
 Burghard, Ruth, Leavenworth.
 Burk, Christina, Ottawa.
 Burkett, Alta Frances, Cedar Vale.
 Burkholder, Grace, Coffeyville.
 Burkholder, Pearl, Coffeyville.
 Bursch, Charles W., Buffalo.
 Burton, Lois, Emporia.
 Butcher, Lulu, Cimarron.
 Butcher, Maude, Cimarron.
 Byerly, Elizabeth, Fredonia.
 Cadv, Stella Opal, Pleasanton.
 Caesar, Nicola J., Shawnee, Okla.
 Cain, Anna, Beattie.
 Caldwell, Bess, Moran.
 Caldwell, Lenore Virginia, Emporia.
 Caldwell, Mabel, Lecompton.
 Callender, Bessie, Hutchinson.
 Calvert, Marguerite, Muscotah.
 Campbell, Agnes, Salina.
 Campbell, Blanche, Hutchinson.
 Campbell, Esther J., Bronson.
 Campbell, Guy Bliss, Emporia.
 Cannon, John L., Beattie.
 Carlin, Mary A., Salina.
 Carnahan, Claire, Humboldt.
 Carpenter, Clifford, Paola.
 Carpenter, James M., McCracken.
 Carroll, Gladys, Ransom.
 Carroll, Jane M., La Cygne.
 Carroll, Marguerite, Alma.
 Carter, Lora, Wakefield.
 Carter, Mary I., Minneola.
 Carter, Walter Allen, Coffeyville.
 Cary, Rhea E., Valley Falls.
 Chaney, Leontine, Burlington.
 Childers, Edna, Wamego.
 Clark, Amy, Mankato.
 Clark, Estella V., Dodge City.
 Clark, Ida, Glasco.
 Clearman, Alene, Liberal.
 Clements, Ora, Chanute.
 Cleminds, Blanche, Bronson.
 Clogston, Helen, Eureka.
 Clogston, Marguerite, Eureka.
 Cobb, Madge, Wellington.
 Coats, Anna, Turon.
 Coffey, Clara, Frankfort.
 Collins, Ethel, Augusta.
 Comes, Mida, Chanute.
 Conaway, Pearl, Dodge City.
 Cook, Lois, Parker.
 Cooper, Elsie, Glen Elder.
 Cooper, Mary, Garden City.
 Copeland, Edna V., Wichita.
 Cornell, Rebecca, Wakefield.
 Coulter, Ruth J., Clay Center.
 Cowles, Effie, Independence.
 Cox, Charlotte, Emporia.
 Cox, Chrissie, Reading.
 Cox, Elizabeth, Emporia.
 Cox, Loren, Greensburg.
 Cox, Ruth Mary, Williamsburg.
 Cox, Solon G., Wichita.
 Craft, Mrs. Mabel, Chanute.
 Craig, Ailsa, Osage City.
 Craig, Grace Feryl, Melvern.
 Crane, Alma, Wichita.
 Cripe, Eunice, McPherson.
 Cripe, Myrtle, Olathe.
 Crissman, Nettie, Blue Rapids.
 Cross, Ethel, Emporia.
 Cross, Mabel Virginia, Emporia.
 Crown, Clementina H., Emporia.
 Culter, Harold, Emporia.
 Culter, Raymond, Emporia.
 Curtis, Helen, Plainville.
 Curtis, Jennie, Emporia.
 Cushing, Bessie Pearl, Greenleaf.
 Cutshaw, Fannie, Jamestown.
 Dahm, Anna, Great Bend.
 Damon, J. C., Washington.
 Daniels, Hazel, Douglass.
 Darlington, Dorothy, Kansas City, Mo.
 Dary, Jessie, Hartford.
 Daughtry, Mildred, Bucklin.
 Davis, Cary, Arkansas City.
 Davis, Cecil Irene, Spearville.
 Davis, Irene, Salina.
 Davis, Lora, Bucklin.
 Day, Ida, Colony.
 Dean, Esther, Hamilton.
 Dean, Mary Adaline, Nickerson.
 Delander, Clara, Kinsley.
 Delaney, Alice, Dighton.
 Dent, Hope, Council Grove.
 Dennis, Frederica, Emporia.
 Denny, Lena, Harveyville.
 Devaney, Dorothy, Girard.
 Dever, Evalena, Rich Hill, Mo.
 Dickerson, Elizabeth, Rosedale.
 Dilley, Marjorie, Alta Vista.
 Dilley, Gladys, Alta Vista.
 Dilsaver, Fannie, Athol.
 Dimanowski, Ethel, Glasco.
 Dixon, Nellie Dee, Hutchinson.
 Dixon, Nell May, Leon.
 Dixon, Will G., Leon.
 Dodson, Elsie, Caney.
 Dole, Elsie, Burrton.
 Dorsey, Florine, Conway Springs.
 Dorsey, Zora, Conway Springs.
 Dotv, Beatrice, Mound City.
 Dougherty, Jennie, Logan.
 Downing, Myrtle, Little River.
 Dubbs, Agnes, Ransom.
 Dubbs, Minnie, Ransom.
 Duer, Myrtle, Sylvia.
 Duff, Mary, Walton.
 Dunfield, H. R., Lebo.
 Dunlap, Mary R., Eureka.
 Durst, Ena Mae, Moundridge.
 Durst, Gladys M., Sabetha.
 Durstine, Olive, Sabetha.
 Duvall, Walter L., Belle Plaine.
 Dutton, Mattie, McCracken.
 Earhart, Myra, Herington.
 Eastman, Lizzie, Grenola.

COLLEGE FRESHMEN—*continued.*

Ebey, June, Beloit.
 Eddy, Harriet, Havensville.
 Edwards, Anna Howell, Lebo.
 Edwards, Irma, Hartford.
 Edwards, Lewis, Kincaid.
 Eggleston, Mary, Leavenworth.
 Elder, Clara D., Ottawa.
 Elliott, Virginia, Atchison.
 Ellis, Sibyl, Emporia.
 Elswick, Roxie, Caldwell.
 Emmons, Phrenola, Hill City.
 Engle, Lowell, Emporia.
 Engler, Sylvia, Chapman.
 Eubank, Maude F., Rosedale.
 Eubank, Winnie, Cullison.
 Evans, Florence, Emporia.
 Evans, Mary, Cimarron.
 Ewing, Ira, Hiawatha.
 Facklam, Clara, Enterprise.
 Fagan, Esther, Medicine Lodge.
 Faulders, Faith, Wichita.
 Feemster, Mabel, Fulton.
 Fellay, Eillen Marie, Madison.
 Felker, Jessie, Hoyt.
 Fent, Laura B., Matfield Green.
 Fessenden, Elsie, Emporia.
 Field, Ardennis, Kansas City, Kan.
 Field, Eunice, La Harpe.
 Finch, Joseph, Esbon.
 Fitts, Bessie, Reading.
 Flanagan, Nellie, Beattie.
 Fleming, Irene, Emporia.
 Fletcher, William Byron, Cawker City.
 Forest, Forman D., Wetmore.
 Fouts, Carrie B., Frankfort.
 Frazer, William, Marion.
 Freeman, Frances, El Dorado.
 Friend, Sudie, Emporia.
 Frisbie, Bessie Mary, Plainville.
 Frisbie, Fannie Leleah, Plainville.
 Frith, Mary McDonald, Emporia.
 Fritz, Clarence O., Circleville.
 Froom, Clara, Vermilion.
 Froom, Esther, Vermilion.
 Froom, Huldah, Vermilion.
 Frost, Dollie, Republic.
 Frye, Ada, Emporia.
 Frye, Roa C., Topeka.
 Fulcher, Anna, Tonganoxie.
 Fulmer, Alice, Cherryvale.
 Fulton, Elsie, El Dorado.
 Gallagher, Margaret May, Hoxie.
 Gardner, Mary, Carbondale.
 Garrett, Elizabeth, Neodesha.
 Garrison, Arthur, Waverly.
 Gaughan, Edward, Reading.
 Gates, Nellie, Anthony.
 Gay, Katie B., Stafford.
 George, Mary, Emporia.
 George, Elizabeth, Lebo.
 Gephardt, Anna, Yates Center.
 Gephardt, Elden Eugene, Yates Center.
 Gibson, Everett A., Gaylord.
 Gilchrist, Caroline, Chanute.
 Gill, Ethan W., Lyndon.
 Gillet, Bessie, Coffeyville.
 Gillette, Carrie, Yates Center.
 Gilliland, Harold, Hill City.
 Gilmore, Ruth, Oneida.
 Gist, Tippia, Bushong.
 Girard, Laura, Morganville.
 Glenn, Louise Miriam, Kiowa.
 Glenn, Lela Estelle, Minneapolis.
 Glover, Murtie, Caldwell.
 Golden, Reed, Kensington.
 Good, Anna, Emporia.
 Good, Fern A., Cimarron.
 Gooch, Frank, Conway Springs.
 Goodell, Theresa, Colony.
 Goudy, Madge, Athol.
 Grady, Mary, Lansing.
 Gower, Marie, Russell.
 Graverhol, Elizabeth, Kensington.
 Graves, Zena, Mound City.
 Gray, Maude, Kansas City, Kan.
 Graybill, Veora, Kansas City, Kan.
 Green, Floretta, Garnett.
 Green, Roy Vinton, Le Roy.
 Griffith, Ada, Belle Plaine.
 Griffith, Beulah, Burlington.
 Griffith, Clara, Cottonwood Falls.
 Griffith, Grace, Hartford.
 Grimsley, Bernice, Burlington.
 Grove, Fern, Parker.
 Grove, Leila, Edna.
 Gunn, Grace, Great Bend.
 Gunsaulus, Marie, Fort Scott.
 Gunselman, Orla, Wakefield.
 Gunter, Blanche, Hartford.
 Guttery, Olive, Sterling.
 Hackett, Ina C., Mildred.
 Hall, Clifford, Emporia.
 Hall, Margaret Louise, Ellsworth.
 Hall, Effie Lee, Minneola.
 Hall, Faye, Collinsville, Okla.
 Halverstadt, Dalena, Oxford.
 Halverstadt, Frances, Oxford.
 Hamble, Hazel Mae, Admire.
 Hammel, Myrtle E., Palmer.
 Hand, Ethel, Newton.
 Handley, Faye, Oswego.
 Hanna, Sadie, Dodge City.
 Hanselman, Frances, Burrton.
 Harmon, Harry, Ramona.
 Harris, William Lee, Marion.
 Harrison, Grace M., Barnard.
 Harron, Fern Gladys, Wichita.
 Hartman, Maida, Fort Scott.
 Harvey, Margaret, Rosedale.
 Harvey, May Lyndell, Council Grove.
 Hasper, Elizabeth, Emporia.
 Hatfield, Otha, Belle Plaine.
 Haun, Edith, Meriden.
 Hazel, August, Hartford.
 Hawkins, Eunice L., Mound City.
 Hay, Ella, Wellsville.
 Hayes, Genevieve, Oswego.
 Haynes, Marie, Emporia.
 Haywood, Nettie, Emporia.
 Heaney, Charles E., Healy.
 Hefflefinger, Neva, Yates Center.
 Helmreich, Elsie, Rosedale.
 Henderson, Barbara, Wichita.
 Henderson, Charles Arthur, Emporia.
 Henderson, Clara Gladys, Meriden.
 Hendrickson, Lenora, Mankato.
 Hereford, Harold, Marion.
 Herold, Jennie, Seneca.
 Herriford, Iona, Wichita.
 Herriford, Margie, Wichita.
 Herrin, Ruth, Kingman.
 Herrman, Lillian, Hamilton.
 Hess, Kathlenn, Hutchinson.
 Hester, Ethel J., Burr Oak.
 Hetherington, Arthur, Emporia.
 Hicks, Effie, Kansas City.
 Higgins, Bessie, Topeka.
 Hildebrand, Earna, Cimarron.
 Hill, Adele, Chapman.
 Hill, Azelia, Beloit.
 Hill, Gertrude, Oswego.
 Hinchman, William J., Emporia.
 Hine, Susie, Baileyville.
 Hitchens, Nellie, Burlington.
 Hoatson, Myrtle, Emporia.
 Hobson, Genevieve, Richmond.
 Hodges, Lorene, Paola.
 Hodgson, Pauline, Fort Scott.
 Hoffman, Olive, Altoona.
 Hogan, Nellie, Rosedale.

COLLEGE FRESHMEN—*continued.*

Holden, Ruth Hazel, Horton.
 Holmes, Glenn, Baldwin.
 Holmes, Oliver W., Hill City.
 Hooker, Marguerite, Burden.
 Hopkins, Grace, Emporia.
 Hoover, Beatrice, Burlingame.
 Horton, Judythe Anna, Guthrie, Okla.
 Horn, Will R., Russell.
 Horne, Serena, Williamsburg.
 Horton, Elizabeth, Sterling.
 Hostetler, I. P., Wetmore.
 Hout, Carrie, Formoso.
 Howard, Hazel, Emporia.
 Hoyt, Esther, Reading.
 Huffman, Leslie, Garden City.
 Hoyt, Stella, Reading.
 Huffman, Leslie, Garden City.
 Hudgins, Maude, Kansas City, Mo.
 Hudson, Nola, Fredonia.
 Hull, Robert, Spearville.
 Humfeld, Daisy B., Clay Center.
 Hunter, Edith L., Rogers, Ark.
 Hunter, Mary, Cherryvale.
 Hunter, Myrtle, Emporia.
 Hurlbutt, Jeanette, Wichita.
 Hurtig, Katherine A., Hartford.
 Hutter, Anna, Cherryvale.
 Hutter, Bertha, Cherryvale.
 Hyde, Emerson J., Paola.
 Iden, Glee, Emporia.
 Ingersoll, Elizabeth, Kirwin.
 Jacques, Ena, Strong City.
 Jacques, Linnie Pauline, Independence.
 James, Ruth, Emporia.
 James, Harry, Hartford.
 Janes, Ethel, Spring Hill.
 Janssen, Henrietta, Lorraine.
 Jardon, Leona V., Baldwin.
 Jarus, Edward F., Wilson.
 Jenkins, Eula M., Wellsville.
 Jay, Hazel Leota, Coffeyville.
 Jeremy, Ralph, Emporia.
 Jewett, Pearl, Burlington.
 Johnsmeyer, Vera, Riley.
 Johnson, Birdie, Yates Center.
 Johnson, Carrie, Russell.
 Johnson, Charles, Emporia.
 Johnson, Edna, Yates Center.
 Johnson, Esther, Yates Center.
 Johnson, Florence, Russell.
 Johnson, Jennie, Russell.
 Johnson, Leta, Humboldt.
 Johnson, Mamie, Wamego.
 Johnson, Ruth A., Guthrie, Okla.
 Johnson, Sadie, Yates Center.
 Johnson, Weaver, Barnard.
 Johnston, Ada R., Eureka.
 Johnston, Annie B., Meade.
 Johnston, Mildred, Holton.
 Jones, Elizabeth, Beattie.
 Jones, Iowa, Beattie.
 Jones, Myrtle, Latham.
 Jones, Minnie Mayetta, Topeka.
 Jordan, Jessie Belle, Liberal.
 Joseph, Hazel, McPherson.
 Joyce, Ivy Lillian, Ashland.
 Kappleman, Otto, Linn.
 Karr, Mary, Manchester.
 Kayser, Kathryn, Bronson.
 Kearney, Ethel, Oswego.
 Keeton, Earl W., Mildred.
 Kerns, Grace E., Seneca.
 Kellcher, Elda, Burlingame.
 Kellenberger, Nellie, Iola.
 Kelliher, Nelle, Esbon.
 Kelsey, Helen, Rosedale.
 Kenney, Margaret, Pawnee Rock.
 Kenton, Margaret, Bonner Springs.
 Kimble, Jennie, Carbondale.
 Kimble, Nellie, Mulvane.
 King, Edna Faye, Emporia.
 Kirby, Ida Estella, Tonganoxie.
 Kircher, Arthur Earl, Baldwin.
 Kirkpatrick, Sibyl, Oswego.
 Kistler, Ruby G., Horton.
 Kittell, Mildred, Newton.
 Kizler, Alice, Hillsboro.
 Klein, Max, Glasco.
 Klinefelter, Ada, Cherryvale.
 Knapp, Anna, Milan.
 Knapp, Eva Mary, Milan.
 Knoll, Vera L., Severy.
 Knowles, Flo, Quincy.
 Knowles, Nellie, Caldwell.
 Knox, Anna, Frankfort.
 Koebele, Apollonia, Burns.
 Koehler, Dora, Salina.
 Koenitzer, Mabel, Meriden.
 Kouns, Emma, Salina.
 Kresby, Hattie, Minneapolis.
 Kroeker, Mary, Cheney.
 Kroh, Franklin O., Netawaka.
 Kyner, Josephine, Newton.
 Laird, Homer, Emporia.
 Lake, Vera Viola, Allison.
 Lamb, Leola M., Dunlap.
 Lampheer, Edna, Emporia.
 Langley, Eva, Olpe.
 Larson, Mary, Assana.
 Larson, Vivian, Salina.
 Lawrence, Elcena, Dodge City.
 Lanver, Dee Seth, Nickerson.
 Lapham, Elizabeth, Emporia.
 Layton, Mary Jane, Augusta.
 Leamer, Kathryn, Onaga.
 Leazenby, Jewell C., Parkerville.
 Lee, Elta, Norton.
 Leggett, Roy, Belleville.
 Leighty, Ethel, La Harpe.
 Lemon, Gladys, Parker.
 Leslie, Mabel, Anthony.
 Levan, Ethelinda, Coffeyville.
 Levering, Nina, Hamilton.
 Lewis, Elizabeth, Horton.
 Lindsey, John, Emporia.
 Lieurance, Lonita, Mildred.
 Lieurance, Wanda L., Mildred.
 Lippe, Gertrude, Miltonvale.
 Little, Florence, Eureka.
 Little, Loverna, Emporia.
 Loevenguth, Oscar P., Udall.
 Lomax, Elsie, Cherryvale.
 Lohmuller, Ruth, Centralia.
 Long, Ethel, Murdock.
 Long, Fay, Madison.
 Lower, Ilo, Gas.
 Lowry, Sena, Welda.
 Lowry, Zola B., Paola.
 Luke, Ida, Wellington.
 Luppy, Bessie J., Caney.
 Lundberg, Mabel Minerva, McPherson.
 Lusk, Sarah, Olivet.
 Lynass, Florence, Leoti.
 Lynn, Ruth, Neosho Falls.
 Lynn, Frances, Valley Falls.
 Lynn, Mabel, Valley Falls.
 Lytle, Carol, Emporia.
 Lytle, Charles Louis, Wellsville.
 McAdam, Ruth, Moran.
 McAuley, Lucile, Americus.
 McCall, Gretchen, Lecompton.
 McCall, Isabelle, Rosedale.
 McCarty, J. Fred, Centerville.
 McClure, Mabel, Emporia.
 McCarty, Beulah, Bronson.
 McClary, Florence, Sabetha.
 McCoyn, Verna M., Harper.
 McConnaughey, Blanche, Quincy.
 McConnell, Edith, Council Grove.
 McCord, W. E., Emporia.

COLLEGE FRESHMEN—continued.

McCormick, Lucile, Whitney.
 McCormick, Scott, Hartford.
 McCoy, Lucile Evelyn, Nortonville.
 McCracken, Bertha, Rose Hill.
 McCrory, Maurice, Emporia.
 McCulley, Maud, Arkansas City.
 McDaniel, Dot B., Lyons.
 McDaniel, Lillian, Admire.
 McDonald, Essie, Osawatomie.
 McDowell, Cy, Louisburg.
 McEvoy, Helena, Emporia.
 McEvoy, Josephine, Emporia.
 McFadden, Dorothy, Chanute.
 McFarlan, Lee, Parsons.
 McFarland, Frances, Cimarron.
 McGee, Elsie, Olathe.
 McGill, Belle, Colony.
 McGrath, Mary B., Waverly.
 McGrew, Elinor, Humboldt.
 McIntosh, Joseph, Lost Springs.
 McKee, Beatrice, Havensville.
 McLaughlin, Catherine, Raton, N. M.
 McMillan, Mary, Irving.
 McMullen, Angie, Oberlin.
 McMullen, William, Kensington.
 McNabb, Clara, Mankato.
 McNeff, Ruth, Winfield.
 McNeil, Floyd, Emporia.
 McQuerry, Gladys, Adrian, Mo.
 Machin, Phoebe, Wamego.
 MacKenzie, Margaret, Agra.
 Mackey, Robert, Frankfort.
 Magee, Josephine, Conway Springs.
 Magee, Nellie, Conway Springs.
 Maguire, Corinne, Coffeyville.
 Madden, Gailord, Emporia.
 Maher, Ruby, Osawatomie.
 Maher, Ruth, Osawatomie.
 Mallary, Elsie, Emporia.
 Manger, Lulu, Coffeyville.
 Manger, Minnie, Coffeyville.
 Manuel, Edna, Pond Creek, Okla.
 Maple, May, Mulvane.
 Mahery, Marjorie, Medicine Lodge.
 Major, Ruth, Medicine Lodge.
 Mather, Ruth, Centralia.
 Marshall, George, Frankfort.
 Martin, Ada, Chanute.
 Martin, Beryl, Chanute.
 Martin, Leona, Effingham.
 Martin, Ramona, Great Bend.
 Marx, Mabel, Emporia.
 Mason, Cecile, Yates Center.
 Matchett, Mrs. Myrtle, Beattie.
 Mathew, Mae, Thayer.
 Matthews, Phesna, Bucklin.
 Maulsby, Ralph E., Lebanon.
 Maxfield, Martha, Syracuse.
 Maxwell, Helena, Emporia.
 Mayberry, Mignon, Emporia.
 Mayer, Grace C., Lakin.
 Mechem, Alma, Mankato.
 Melvin, Lillia, Iola.
 Mendell, Ira S., Colony.
 Mendenhall, Ruth Elma, Winfield.
 Merriman, Ruth L., Syracuse.
 Mesmer, Mildred, Vermilion.
 Metcalf, Effie, Iola.
 Meyer, Bernard, Belpre.
 Meyer, Minnie M., Nortonville.
 Middleton, Jessie, Fredonia.
 Miller, Verna L., Burlington.
 Mills, Susie, Wichita.
 Minner, Ratia, Soldier.
 Mitchell, Margaret, Carbondale.
 Moise, Roena, Ottawa.
 Monk, Ivy Angeline, Niles.
 Monroe, Lee, Neodesha.
 Moore, Adaline, Hartford.
 Moore, Amy Irene, Gardner.
 Moore, Grace, Peru.
 Moore, Lena, Gardner.
 Moore, Maude, Neosho Falls.
 Moore, Wilmie, Gardner.
 Moorhouse, Mrs. H. A., Enid, Okla.
 Moren, Ruth, Salina.
 Morgan, Edith, Girard.
 Morrill, Fred A., Emporia.
 Morrow, Aletha, Spearville.
 Morse, Blanche, Ness City.
 Morton, Madge, Chase.
 Muir, Maude, Gridley.
 Murllette, Opal, Hazelton.
 Murphy, Oran, Barnard.
 Musch, Elsie, Elmo.
 Musick, Rose, Howard.
 Myers, Olive, Saffordville.
 Names, Arthur, McCracken.
 Nansen, Iva V., Lost Springs.
 Neff, Olive, Liberal.
 Nelson, Allene, Cassoday.
 Nelson, Effie, Vesper.
 Nelson, Flora, Carbondale.
 Nelson, Leonard, Bridgeport.
 Nelson, Verna, Neodesha.
 Nesbitt, Susie, Burlington.
 Neuman, Warren, Wymore, Neb.
 Newacheck, Minnetta, El Dorado.
 Newell, Elsie, Neosho Falls.
 Newhard, Elsie, Clay Center.
 Nincehelter, Agnes, Oskaloosa.
 Norman, Harry Class, Kinsley.
 Norris, Laura, Winkler.
 Norton, Mary, Cherryvale.
 Nothdorf, Lena, Oskaloosa.
 Nuckolls, Opal, Chanute.
 O'Brien, Lillian D., Wellington.
 O'Connell, William V., Belle Plaine.
 Oliphant, Lucile, Arkansas City.
 Ogg, Venice, Ottawa.
 Oliver, Lillian, Maple Hill.
 Olson, Josie, Spearville.
 Orsbourn, Ethel, Wellsville.
 Osborn, Rosalie, Wichita.
 Overton, Marion A., Plains.
 Ott, Rebecca, Hamilton.
 Owen, Ellen, Frankfort.
 Owens, Lilah M., Effingham.
 Palmer, Tella A., Garnett.
 Parker, Lora, Bonner Springs.
 Parke, Dorothy, Emporia.
 Parker, Ada, Emporia.
 Parker, Wallace, Salina.
 Parker, Mary Ellen, Chanute.
 Parks, Erma, Hutchinson.
 Parr, Ruth, Tecumseh.
 Parrott, Edna, Atchison.
 Parry, Grace Ann, Barclay.
 Patterson, Jessie Floy, Anthony.
 Patterson, Marguerite, Whiting.
 Paul, Lillian Olive, Wichita.
 Payne, R. H., Brunswick, Mo.
 Pearsall, Keith, Santa Fe.
 Pearson, Dorothy, Wakefield.
 Pearson, Frank, Emporia.
 Peck, Gertrude J., Sheldon, Mo.
 Pence, Mabelle, Baldwin.
 Penny, Eugenie, Lawrence.
 Pettv, Sylvia Mae, Chanute.
 Phelps, Alice E., Olathe.
 Phelps, Laura A., Wellington.
 Phillips, Margaret, Herington.
 Phoenix, Earl, Newton.
 Pinney, Frances, Wright.
 Pierson, Emma, Savonburg.
 Pierson, Kathryn, Emporia.
 Pittenger, Virginia, Arkansas City.
 Pinet, Grace, Onaga.
 Poersch, Frank, Greenleaf.

COLLEGE FRESHMEN—*continued.*

Poland, Ruth, Ransom.
 Poole, Hazel, Lovewell.
 Portwood, Bruce, Belle Plaine.
 Pottorff, Minnie, Severy.
 Powell, Mabel, Chanute.
 Powell, Mamie, Emporia.
 Prebble, Keturrah, Irving.
 Pretz, Mary, Irving.
 Price, Roth, Paola.
 Price, Blanche, Earlton.
 Prosser, Lydia, Osage City.
 Prough, Mrs. J. C., Dodge City.
 Pruett, Faye, Larned.
 Pughe, Margaret, Emporia.
 Pyle, Fern, Emporia.
 Quinn, Josephine, Elwood.
 Quisenberry, Faye, Emporia.
 Ramage, Allison, Pomona.
 Ramseyer, Katherine, Emporia.
 Raymond, Jesse C., Haven.
 Rebman, Clara, La Harpe.
 Record, Grace, Humboldt.
 Reed, E. Jaquetta, Baldwin.
 Reed, Mabel, Waterville.
 Rees, Anne, Emporia.
 Reeve, Juliet, Hugoton.
 Reeves, Grace, Cherryvale.
 Reeves, Homer L., Grenola.
 Regnier, Loretta, Westmoreland.
 Reid, Nellie M., Norcatur.
 Reilly, Genevieve, Wichita.
 Reneau, Mary, Florence.
 Reynolds, Alma, Osawatometie.
 Reynolds, Lila, Cedar Vale.
 Rice, Fern, Frankfort.
 Rice, Ruth L., Waterville.
 Rich, Birdie, Emporia.
 Rich, Rosa, Cawker City.
 Richards, Bertha M., Ada.
 Richardson, Celia, Moline.
 Richey, Charles, Emporia.
 Ricketts, Lulu B., Iola.
 Riley, Mary Altha, Grenola.
 Rinehart, Charles H., Arkansas City.
 Rioth, Marie, Shawnee, Okla.
 Rissler, Neva, Hill City.
 Roark, Nellie, Lake City.
 Roark, Sarah, Junction City.
 Roberson, Milissa, Chanute.
 Robert, Nellie C., Strong City.
 Robertson, Margaret, Chanute.
 Roberts, Lela, Emporia.
 Roberts, Mrs. Maude, Williamsburg.
 Robinson, Ina, Melvern.
 Rodell, Verna, Marquette.
 Rogers, Ethel, McPherson.
 Rorick, Floyd O., Strong City.
 Roseberry, Mabel, Rantoul.
 Rosenquist, Nellie, Osage City.
 Ross, Elizabeth, Baker.
 Rossier, Matilda, Onaga.
 Ross, Mary, Delphos.
 Ross, Wilbur, Emporia.
 Rowland, Mabel, Newton.
 Roy, Edith, Sterling.
 Roy, Fred, Overbrook.
 Rugger, Mattie, Smith Center.
 Ruggles, W. S. J., Emporia.
 Rundus, Amos, Meriden.
 Russell, Edward, McPherson.
 Russell, Ruth, Bonner Springs.
 Ruth, Agnes, Horton.
 St. John, Mabel, Homewood.
 Samuel, Ralph, Emporia.
 Samuelson, Maude, Axtell.
 Sangster, Elizabeth, Lyons.
 Savage, Maude, Durham.
 Schaefer, Elizabeth Hazel, Russell.
 Schaffer, Anna, Meriden.
 Schaper, Ruth, Mulvane.
 Schell, Mae, Galena.
 Schell, Oliver W., Lawrence.
 Schenck, Viola, Williamstown.
 Schreiner, Ina, Frankfort.
 Schroll, Russell, Syracuse.
 Schulz, Liesa, Hillsboro.
 Scott, Helen Ursula, Westmoreland.
 Scott, Mattie, Mexico, Mo.
 Sculley, Florence, Colony.
 Sculley, Letha, Colony.
 Scypheus, Martha, Grenola.
 Sharp, John Newton, Carbondale.
 Shaw, Edessa V., Bonner Springs.
 Shay, Ida Frances, Belle Plaine.
 Shea, Marguerite, Wichita.
 Shell, Gladys, Medicine Lodge.
 Sheets, Jennie, Abilene.
 Sheppard, Ina May, Kansas City.
 Sheppard, Leona, Kansas City.
 Sheridan, Walter, Emporia.
 Shewmaker, Letha, Bolekow, Mo.
 Shields, Fay, Almena.
 Shields, Juanita, Derby.
 Shoff, Hazel, Wichita.
 Short, Thelma, Salina.
 Shughart, Gladys, Effingham.
 Shuler, May Esther, Bucklin.
 Shupe, Eldon, Lost Springs.
 Shupe, Erma, Sitka.
 Sill, Henrietta, Garnett.
 Simpson, Mary, Council Grove.
 Sims, Lulu, Tulsa, Okla.
 Skaggs, Jessie, Minneapolis.
 Slaughter, Fay, Topeka.
 Smith, Gailord, Florence.
 Smith, Lester, Hartford.
 Smith, Sam, Florence.
 Snyder, Bessie Mae, Logan.
 Snyder, Dottie, Bradford.
 Socolofsky, A. L., Tampa.
 Sonnenberg, E. R., Harlan.
 South, Mrs. Verda, Emporia.
 Sparks, Ada Agnes, Emporia.
 Sparks, Elizabeth, Kansas City.
 Spears, Dorothy, Holton.
 Speer, Blaine, Wellington.
 Spence, Etta, Greenleaf.
 Spencer, Flossie, Emporia.
 Spencer, Olive, Neosho Rapids.
 Spielman, Mabel, Overbrook.
 Sprague, Ethel, Rosedale.
 Stachling, Marie E., Paola.
 Stafford, David, Emporia.
 Stallard, Clara, Caney.
 Standish, Ella, Plainville.
 Stannard, Fay, Emporia.
 Stark, Leonard, Elk City.
 Stark, M. F., Elk City.
 Starr, Raymond, Emporia.
 Starr, Ivil G., Louisburg.
 Stauffer, Rosa, Bern.
 Steckel, Ida, Woodbine.
 Steckel, William, Woodbine.
 Steele, Gladys N., Rosedale.
 Sterling, Winifred, Carlton.
 Stevens, Nora K., Emporia.
 Sterrett, Alta Margaret, Clay Center.
 Stewart, Alma Helen, Humboldt.
 Stewart, Beulah, Madison.
 Stewart, Gladys, Humboldt.
 Stewart, Grace E., Salina.
 Stewart, Lulu, Independence.
 Stewart, Marsena, Wellington.
 Stiensmeyer, Florence, Leavenworth.
 Stinson, Dale, Emporia.
 Stolfus, Naomi, Emporia.
 Stolfus, Thelma, Emporia.
 Stone, Grace Helen, Emporia.

COLLEGE FRESHMEN—concluded.

Stone, Vera, Garden City.
 Stout, Elsie Pearl, Emporia.
 Strachan, Margaret, Howard.
 Stratton, Bertha M., Paxico.
 Strayer, Hubert, Mahaska.
 Strutzel, Martha, Olpe.
 Strutzel, Theresa, Olpe.
 Sulsar, Mattie, Wellington.
 Sumey, Esther, Berryton.
 Sutton, Bess Amelia, Oskaloosa.
 Swanson, Minnie, McPherson.
 Swarner, Ruth Catherine, Hartford.
 Swartz, Mary A., Hutchinson.
 Sweeney, Nanelou, Arkansas City.
 Swenson, Beatrice, Clay Center.
 Tangemann, Elsie E., Newton.
 Tate, John Henry, Cummings.
 Taylor, Daisy, Ashland.
 Taylor, Florence, Seneca.
 Taylor, Gertrude, Atchison.
 Taylor, Gwendolin, Fowler.
 Thomas, E. A., Carbondale.
 Thomas, Harry, Emporia.
 Thomas, Mrs. Ethel, Seneca.
 Thomas, Florence, Hartford.
 Thomas, Geneva, Richmond.
 Thomas, Naomi, Hartford.
 Thompson, Anna, Horton.
 Thompson, Ivaline, Leon.
 Thorn, Besse, Beattie.
 Thornton, Mary, Wichita.
 Tipton, Helen, Parsons.
 Tolin, Ernest, Soldier.
 Tomlin, Melody, Atchison.
 Tracy, Lillian Mae, Topeka.
 Torrence, Beulah, Baileyville.
 Torrey, Lois M., Kansas City.
 Trull, Mary, Garden City.
 Thusler, Ivan, Emporia.
 Tuttle, Pluma, Belpre.
 Vancleave, Dora, Freeport.
 Vandenburg, Grace, Bushong.
 Van Horn, Ena, Nortonville.
 Van Nice, Rav, Humboldt.
 Varner, Myrtle, Emporia.
 Vawter, Ruth Edna, Altamont.
 Venning, Albert J., Grenola.
 Vickers, Robert, Dunlap.
 Voneida, Lois, Hiawatha.
 Wahl, Edna, Independence.
 Wahl, Ethel, Independence.
 Wakefield, Olive, Caney.
 Waldron, Mrs. Mureil, Louisburg.
 Walker, Gladys, Parker.
 Walking, Elizabeth, Burlington.
 Wallace, Lillian, White City.
 Walters, William, Bancroft.
 Warren, Esker, New Ulysses.
 Walls, Katherine, Fort Scott.
 Ward, Frankie E., Emporia.
 Ward, Inez E., Le Roy.
 Washburn, Retta, Jetmore.
 Washington, Frances, Keystone.
 Wasser, Belle, Horton.
 Waterman, Glenna, Florence.
 Watkins, C. Boyd, Blue Rapids.
 Watkins, Ethel, Mont Ida.
 Weatherhold, Myrtle, Bartlesville, Okla.
 Weatherly, Albert, Emporia.
 Weatherly, Mrs. Josephine, Emporia.
 Weaver, Josephine, Topeka.
 Webb, Eva, Irving.
 Webber, Elizabeth, Logan.
 Weber, Hildegard, Horton.
 Weeks, Emma, Garden City.
 Weida, Juanita, Yates Center.
 Weigand, Margaret, Burlington.
 Weishaar, Genevieve, Nortonville.
 Welch, Francis, Hartford.
 Wellman, Mrs. Isa E., Lawrence.
 Wells, Laura, Emporia.
 Wells, Pearl, Arkansas City.
 Wells, Zoe, Broken Arrow, Okla.
 Welton, Gladys, Rantoul.
 Welty, Raymond, Hill City.
 Wendt, Emma, Elmo.
 Weyand, Esther, Spearville.
 Weyler, Laura, Emporia.
 West, Gordon, Wichita.
 West, Nell S., Neodesha.
 Whaley, Mrs. Eugenia, Emporia.
 Wheeler, Cora M., Oronoque.
 Wheeler, Edna, Emporia.
 Whipple, George, Ottawa.
 Whitby, Irene, Emporia.
 Whitchurch, Ethel, Leoti.
 Wieland, Antoinette, Colby.
 Wieland, Clara, Colby.
 Wilcox, Eva, Newton.
 Wiles, Jennie May, Canton.
 Williams, Ella, Stockton.
 Williams, Joyce, Emporia.
 Williamson, Callie B., Shawnee, Okla.
 Willig, Josephine, Wamego.
 Wilshire, Dell, Belvue.
 Wilson, Ethel, Junction City.
 Wilson, Flora, Carbondale.
 Wilson, Helen, Parker.
 Wilson, James Alfred, Lost Springs.
 Wilson, Lois, Lawrence.
 Wilson, Mabel, Emporia.
 Wilson, Virginia, Emporia.
 Winget, Sarah Edna, Garden City.
 Wimler, Florence, Winfield.
 Wolf, Sara A. P., Ottawa.
 Wood, Sarah, Dodge City.
 Woodman, Lucy Lee, Vermilion.
 Woodward, Faye, Richland.
 Woolverton, Gracelee, Abilene.
 Woester, Velma, Greenleaf.
 Wright, Martha Josephine, Dodge City.
 Wright, P. A., Galva.
 Wuester, Vera, Beattie.
 Wycoff, Susie, Wellington.
 Wylie, Dora, Clay Center.
 Wynett, Ida, Harper.
 Young, Clyde, Mound City.
 Young, Edith M., Springfield, Mo.
 Young, Eva, Emporia.
 Young, Joseph, Maple Hill.
 Young, Louise, Salina.
 Young, Russell M., Emporia.
 Zeileis, Amanda, St. Marys.
 Zieber, Warren, Pawnee Rock.
 Ziegler, Thomas, Pleasanton.

HIGH SCHOOL.

SENIORS.

CANDIDATES FOR DIPLOMA.

Adams, Agnes Louise, Langdon.
 Adams, Lucy H., Wichita.
 Akers, Neale, Emporia.
 Baptist, Leona, Emporia.
 Bowman, Melvin E., Benedict.
 Briggs, Lula, Sedan.
 Brown, Elizabeth, Emporia.
 Bullen, Charles V., Emporia.
 Carlile, Edith, Emporia.
 Davis, Lelia Clair, Bucklin.
 DeVore, Earl, Cuba.
 Dore, Catherine, Waverly.
 Doverspike, Mary, Alta Vista.
 Engle, Lowell, Emporia.
 Fawl, Edna Margaret, Overbrook.
 Fent, Edna Earle, Matfield Green.
 Fessler, Pauline, Chanute.
 Fox, James Winfield, Emporia.
 Freeman, Earl, Simpson.
 Freeman, Julia, Simpson.
 Geesling, Lou Ethel, Turon.
 Goheen, Bernice, Mayetta.
 Griggs, Hester Anna, Olivet.
 Hall, Mrs. Mary Jane, Emporia.
 Harvey, Iva B., Strawn.
 Haun, Abbie E., Meriden.
 Henry, Esther Elizabeth, Emporia.
 Hooker, Violet, Emporia.
 Jaquith, John W., Americus.

Jensen, Bernard, Emporia.
 Kirkpatrick, Ethel, Montrose.
 Kirkpatrick, Florence, Montrose.
 Linscheid, Ernest J., Arlington.
 Loveless, Madeline, Emporia.
 McNeil, Floyd, Emporia.
 McEvoy, Helena, Emporia.
 McEvoy, Josephine, Emporia.
 Mendell, Ina Saferite, Colony.
 Newman, Florence, Virgil.
 Nolte, Mrs. Adar, Healy.
 Pegram, John Newton, Virgil.
 Pistorius, Grant, South Haven.
 Ray, Dora, Atlanta.
 Raymond, Jesse Carl, Haven.
 Richman, William Henry, Earlton.
 Rufi, John, Emporia.
 Schlegel, Julia, Fort Scott.
 Shupe, Erma, Sitka.
 Simpson, Vernon, Cedar.
 Smith, Vera Blake, Sharon.
 Stark, Leonard, Elk City.
 Stouder, James, Emporia.
 Stiensmeyer, Florence, Leavenworth.
 Stites, Otto Russell, Mound City.
 Thomas, Mabel, Elk City.
 Williams, Capy, Emporia.
 Wieland, Antoinette, Colby.
 Unruhe, Russell, Fall River.

CANDIDATES FOR DIPLOMA IN AUGUST.

Adams, Ruth, French, N. M.
 Baugh, Lillian, Emporia.
 Britton, Harry, Wheatland, Mo.
 Britton, Logan, Wheatland, Mo.
 Burri, Clara, Dunlap.
 Burri, Minnie, Dunlap.
 Chandler, Mary E., Colony.
 Chappell, Ora M., Haddam.
 Cosand, Chester, Cuba.
 Fairchild, Lucy R., Carlton.
 Fleming, Loma, Emporia.
 Gee, Willis, Emporia.
 Geelan, Salome, Lecompton.
 Gordon, Clarence, Admire.
 Graham, Carl, Narka.
 Graham, Inez, Neodesha.
 Griblin, Mildred, Virgil.
 Guthrie, Martha, Neola.
 Hall, Carrie, Minneola.
 Hodges, Minnie, Emporia.

Jones, Hazel Delight, Emporia.
 Kissack, Ethel, Summerfield.
 Laird, Hazel, Emporia.
 McConnell, Donald, Council Grove.
 Martin, Clyde, Mound City.
 Maddox, Letha, Hazelton.
 Miller, Ruthelma, Belle Plaine.
 Morris, Julia, Emporia.
 Norman, Bessie, Emporia.
 Osbourne, Gladys, Wellsville.
 Perrine, Ocie, Emporia.
 Porter, Ruth, Greensburg.
 Price, Arthur, Toronto.
 Riise, Edna, Kinsley.
 Robson, Velma, Mayetta.
 Rosacker, Joe, Emporia.
 Shauers, Eunice, Ness City.
 Shauers, Matilda Florence, Ness City.
 Stewart, Augustine, Lawrence.
 Williams, Mary R., Emporia.

HIGH SCHOOL SENIORS NOT COMPLETING WORK FOR DIPLOMA.

Adams, Dollie, Iola.
 Altman, Harlan, Emporia.
 Anderson, Beatrice, Americus.
 Anderson, Edna, Assaria.
 Anderson, Ruth, Dodge City.
 Bailey, Lloyd, Emporia.
 Parker, Maude, Toronto.
 Blackburn, Byron, Wilder.
 Blair, Alma L., Netawaka.
 Blankinship, Ona, Anthony.
 Brown, Bertha, Emporia.
 Butler, Frances, Glasco.
 Cates, Gladys, Gas City.
 Cavanaugh, Agnes, Dighton.
 Connolly, Minnie, El Reno, Okla.
 Cooper, Charlotte, Osawatimie.
 Cox, Phoebe, Troy.
 Cross, Clarence, Emporia.
 Crosswhite, Clyde, Parker.
 Crosswhite, Harry, Parker.
 Davis, Gladys, Emporia.
 Davis, Olive Nancy, Emporia.

DaVolt, Darwin, Abbyville.
 Dixon, Judith, Leon.
 Dodson, Frances, Denison.
 Doherty, Inez, Cambridge.
 Edwards, Dorothy, Emporia.
 Fawl, Atha Laurena, Overbrook.
 Fetrow, Ruth, Attica.
 Fleming, Edna, Soldier.
 Francis, Grace, Conway Springs.
 Fritz, Effie E., Circleville.
 Gardner, Dora, Tampa.
 Geelan, Carrie, Lecompton.
 Gilman, Pearl, Emporia.
 Harder, Elvina, Dunlap.
 Howard, Grace, Shaw.
 Howard, Nellie, Shaw.
 Hubbard, Edith, Salina.
 Iden, Joye, Emporia.
 Marriott, James, Chanute.
 Jones, Esther S., Emporia.
 Knisely, Cora, La Cygne.
 Krause, Tina N., Hillsboro.

HIGH SCHOOL SENIORS—*concluded*

Kropp, Irene, Little River.
 Lane, Frankie, Osawatimic.
 Lewis, Mary, Topeka.
 Linhart, Catherine, Irving.
 Lott, Nina, Wellsville.
 Lyness, Bessye, Walnut.
 McKee, Grace, Simpson.
 McNeerney, Eldora, Lucas.
 Malmgren, Ruth, Falun.
 Manlove, Rosa, Andover.
 Meek, Hazel, Centralia.
 Meisner, Clara, Sabetha.
 Morton, Mary, Fall River.
 Neighbors, Glenn, McPherson.
 Nelson, Iril, Cassoday.
 Patterson, Lulu, Courtland.

Porter, Leo, Simpson.
 Powers, Mary, Emporia.
 Read, Carrie, Homewood.
 Richards, Marvin, Howard.
 Ross, Evelyn L., Ness City.
 Simcox, Mabel, Canton.
 Simpson, Harold, Canton.
 Smyth, Hazel, Glasco.
 Starry, Florence C., Louisburg.
 Stephens, Lester L., Dighton.
 Tipton, Laura, Morehead.
 Trigg, Jesse Frank, Goodrich.
 Troutman, Marie, Comiskey.
 Welchman, Margaret, McLoud, Okla.
 Yokum, Verda, Welda.
 Young, Clara, Holton.

SECONDARY JUNIORS.

Adams, Herbert, Langdon.
 Adamson, Fred, Ottawa.
 Baugh, Lillian, Emporia.
 Austenfeld, Theresa, Emporia.
 Barber, Elinor, Cherryvale.
 Baptist, Myrna, Emporia.
 Bentley, Ruth, Ozawkie.
 Bowman, Carr, Benedict.
 Boyle, Walter, Bennington.
 Brashear, Josephine, Hamilton.
 Brinkman, Justina, Olpe.
 Britton, Bessie, Parsons.
 Brooks, Leola, Thayer.
 Broughton, Helen, Conway.
 Brown, Florence, Healy.
 Brown, Hattie E., Garnett.
 Brown, Luvenia, Topeka.
 Brown, Zella, Parkerville.
 Buffington, Maud, Prairie View.
 Cain, Louis, Yates Center.
 Cameron, Roy, Wamego.
 Campbell, Grace, Topeka.
 Carr, Sylvia, Emporia.
 Carter, Eva, Harveyville.
 Carter, Herman, Emporia.
 Cartmel, Alma, Emporia.
 Coe, Walter, Chanute.
 Clow, Richard, Emporia.
 Conroy, Susan, Manhattan.
 Corsant, Elsie, Salina.
 Delfs, Belle E., Americus.
 Dickinson, Willetta, Alamota.
 Dodds, George F., Dover.
 Doering, Elsie, Utopia.
 Dulebohn, T. H., Lakin.
 Eastman, Grace, Emporia.
 Eastman, Josie, Emporia.
 Edwards, Mildred, Emporia.
 Edwards, Phillip, Emporia.
 Edwards, Preston, Sylvia.
 Ellenberger, Edith, Bazine.
 Ellenberger, Flora Lucile, Bazine.
 Ellis, Leila E., Bucklin.
 Ewers, Rolo, Hoxie.
 Filing, William, Cuba.
 Fleming, Cassie, Emporia.
 Fisher, Elva, Cedar Point.
 Fox, Rozella, Russell.
 Francis, Agnes, Emporia.
 Franklin, Blanche, Larned.
 French, John, Emporia.
 Fuller, Ruby, Saffordville.
 Gardner, Lawrence, New Albany.
 Geelan, Salome, Leocompton.
 Gates, Grace, Iola.
 Godsey, Edith, Emporia.
 Gregg, Geneva, Willis.
 Hansen, Mabel, Turon.
 Harder, Taurenia, Dunlap.
 Hardin, Ruth, Marceline, Mo.
 Harris, Lena, Muscotah.

Harvey, Anna, Culver.
 Heglin, Emma, Superior, Neb.
 Heck, Mary, Lathrop, Mo.
 Hinkley, Orpha, Stark.
 Hollar, Daisy, Emporia.
 Holm, Esther M., Irving.
 Hood, Marie, Tescott.
 Hotze, Bertha, Richland.
 Huxmann, Paul H., Pretty Prairie.
 James, Ruth McKinley, Emporia.
 Johnson, Addie V., Alta Vista.
 Johnson, Bettie, Assaria.
 Johnson, Dorothy, Beloit.
 Judy, Evelyn, Williamstown.
 Keeney, Flora, Pawnee Station.
 Keith, Wanda, Moran.
 King, Eva, Emporia.
 Knisely, Alta, La Cygne.
 Knisely, Carrie, La Cygne.
 Kernel, Nancy, Oswego.
 Kernel, Jeanette, Oswego.
 Lee, Eung Soon, Searil, Korea.
 Leu, Fannie, Madison.
 Levering, Roland, Hamilton.
 Lippe, Gladys, Miltonvale.
 Lischesky, Lena, Ellinwood.
 Loyd, Ethel Daisy, Rantoul.
 McCauley, Edna D., Berryton.
 McGrath, Margaret, Waverly.
 McNamee, Grace, Nickerson.
 Madden, Ellen, Emporia.
 Magathan, Emmet, Emporia.
 Malmgren, Ruth, Falun.
 Mares, Cecile, Emporia.
 Martin, Clyde, Mound City.
 Mayes, J. F., Emporia.
 Maxson, Della, Emporia.
 Meisinger, Azel, Webber.
 Meisinger, Lavern, Webber.
 Meyer, Edward Elmer, Lunn.
 Miller, Clara, New Ulysses.
 Miller, Deane, New Ulysses.
 Miller, Nannie, Muscotah.
 Minton, Mary, Neosho Falls.
 Moore, Ruth, Emporia.
 Morrison, Muriel, Emporia.
 Nelson, Anna, Falun.
 Neuenschwander, Rose, Madison.
 Oakley, Lillian, Parker.
 O'Roke, Fern, Fairview.
 Page, Virginia, Hamilton.
 Peele, Fern, Eureka.
 Petty, Elnora, Olivet.
 Powell, Myrtle I., Leavenworth.
 Powers, Anna, Emporia.
 Poyzer, Laura, Emporia.
 Price, Walter Manford, Toronto.
 Quick, Jessie D., Harveyville.
 Randolph, Violet, Fairview.
 Ray, Ella L., Atlanta.
 Rector, Edna, Emporia.

SECONDARY JUNIORS—concluded.

Reist, Norman, Oberlin.
 Richards, Ethel, Centerville.
 Riffin, Bessie, Burlingame.
 Robbins, Edward C., Norwich.
 Rost, Carrie, Sedan.
 Scott, Edna A., Jewell.
 Smiley, Hazel, Silver Lake.
 Smiley, Laura, Silver Lake.
 Smiley, Stanton L., Wilder.
 Smithson, Renna, Herington.
 Sodergren, Mollie, Garrison.
 Sondker, Laura, Barnes.
 Spade, Hulda, Harrison.
 Spear, Myrtle, Muscotah.
 Sprecker, Chloe, Rosalia.
 Sprecker, Edith Elizabeth, Rosalia.
 Stark, Arzie, Elk City.
 Stout, Nellie, Emporia.
 Stuart, Hulda, Zeandale.
 Stuart, Violet, Zeandale.
 Swendig, Louise, Sedgwick.
 Swift, Ruth, Delavan.
 Taylor, Mabel, Zeandale.
 Taylor, Neva, Zeandale.

Teichgraeber, Florine, Emporia.
 Thomas, Alice, Oketo.
 Thomas, Maude S., Marysville.
 Todd, Pearl, Emporia.
 Ullman, Margaret, Severy.
 Umbarger, Cora E., Newton.
 Van Gundy, Golda, Neosho Rapids.
 Waite, Earl, Emporia.
 Waldron, C. F., Louisburg.
 Walters, Maude, Riley.
 Watkins, Myron, Emporia.
 Wells, Donald, Emporia.
 West, Carl S., Emporia.
 Whipple, Mrs. Hazel, Ottawa.
 White, May Agnes, Attica.
 Whittemore, Ida, Emporia.
 Wilks, Mabel, Emporia.
 Williams, Hazel, Osawatomie.
 Willson, Grace May, Garnett.
 Wilson, Inez, Moline.
 Woodard, Hazel, Emporia.
 Worswick, Jessie, Lawrence.
 Young, Crystal Ruth, Savonburg.
 Zavodsky, Anna, Cuba.

SECONDARY SOPHOMORES.

Ackley, Suza, Portis.
 Alderfer, Anna, Sabetha.
 Allen Forest, Chanute.
 Allen, Henry, Washington.
 Anderson, Emma, Vesper.
 Bain, Mollie, Emporia.
 Anderson, John Milton, Gem.
 Arnel, Gertrude, Fall River.
 Babb, Mildred Clarice, Petrolia.
 Bailey, Myrtle Irene, Utopia.
 Baugh, Clarice, Emporia.
 Beatty, Bird, Robinson.
 Baker, Eva Mae, Hesston.
 Barnes, Mildred, Earlton.
 Barrett, Alpha, Olivet.
 Bennett, Tom, Emporia.
 Bitler, James, Emporia.
 Bird, Sarah Ella, Haviland.
 Bodine, Alta, Burlingame.
 Bodine, Effie, Burlingame.
 Boone, Mary M., Topeka.
 Bowman, Everett M., Fredonia.
 Bracken, Zelda, Independence.
 Brainard, Isabell, Emporia.
 Briley, Harry, Chanute.
 Brim, Lydia A., Emporia.
 Brooks, Hazel, Thayer.
 Brown, Lula, Parkerville.
 Brown, Zella, Parkerville.
 Burgert, Louise, Canton.
 Calkins, Irven, Olivet.
 Campbell, Leota, Lamont.
 Clark, Bertha, Emporia.
 Cleland, Anna, Emporia.
 Chambers, Ivy, Dodge City.
 Corporan, Ina, Topeka.
 Correll, Mae, Edgerton.
 Crawford, Helen, Winfield.
 Crowell, Grace E., Alta Vista.
 Cunningham, Saidee, Americus.
 Cunningham, Vaneta, Americus.
 Davidson, Ruth, Altoona.
 Dillon, Franklin, Emporia.
 Duncan, Alice, Emporia.
 Ellis, Jessie, Kingsdown.
 Erikson, Anna R., Junction City.
 Fawl, Maude M., Overbrook.
 Fent, Ona, Matfield Green.
 Fisher, Simon, Cedar Point.
 Francis, Willard, Natoma.
 Frazier, Frank, Newton.
 Gardner, Lawrence, New Albany.
 Graves, Augusta, Dunlap.

Greeve, Flossie, Williamsburg.
 Green, Lola, Le Roy.
 Gregory, Charles E., Westphalia.
 Gross, Vesta, Emporia.
 Gropp, Myrtle, Kendall.
 Hearn, Thomas, Yates Center.
 Hardin, Ruth C., Marceline, Mo.
 Harris, Anna Mary, Murdock.
 Hawley, Clara, Hutchinson.
 Hebrank, Tillie, Council Grove.
 Hiller, Clara, Mentor.
 Hindman, Hattie, Le Loup.
 Hinton, Carrie, Fulton.
 Hodges, Carrie, Emporia.
 Holm, Olga, Irving.
 Holman, India, Reading.
 Houser, Dora, Niotaze.
 Huenergardt, Irma, Durham.
 Hultz, Laura, Emporia.
 Humphreys, Lucile, Emporia.
 Irah, James, Mapleton.
 Ito, Takeshi, Suwa, Japan.
 Johnson, Claude, Phillipsburg.
 James, Steva Pearl, Emporia.
 Janzen, Tina, Hillsboro.
 Jaquith, J. Mark, Emporia.
 Jones, Lucile, Emporia.
 Kanaga, Ethel, Ness City.
 Kendall, Maye, Emporia.
 Knight, Paul, Emporia.
 Kruger, Lottie, Leavenworth.
 Kuyendall, Elsie, Osage City.
 Leonard, Amanda, Kansas City, Mo.
 Lockman, Edna, Wright.
 Linscheid, Theodore, Abbyville.
 McCabe, Verna, Emporia.
 McCluney, Ruth, Arkansas.
 McCune, Mae, Emporia.
 McCall, La Roy, Lebanon.
 McDonald, Ella, Hartford.
 McGee, Faye, Quenemo.
 McNerney, Anna, Lucas.
 Manly, William, Diamond Springs.
 Marberger, Esther, Emporia.
 Martin, Hazel, Emporia.
 Maxfield, Leonard, Syracuse.
 Mehl, Sebern, Emporia.
 Miller, Roy, Inman.
 Minton, Frances, Neosho Falls.
 Miser, Cora, Diamond Springs.
 Mulliken, Mary E., Kinsley.
 Murray, Roy, Simpson.
 Musgrave, Dessa, Spring Hill.

SECONDARY SOPHOMORES—*concluded.*

Nelson, Louise M., Allen.
 Noffsinger, Ula, Fall River.
 Noonan, Anna E., Lebo.
 Pearsall, Lester, Santa Fe.
 Peterson, Phoebe, McPherson.
 Peters, Helen, Emporia.
 Poyzer, George E., Emporia.
 Reinert, Henry, Riverside.
 Robinson, May, Collinsville, Okla.
 Robison, Grace, Holton.
 Romary, Ellison, Olivet.
 Ross, Hattie, Meade.
 Ruff, Abbie, Hanston.
 Rumford, Frederick, Jetmore.
 Simmons, Stella, Dunlap.
 Sandberg, Laura, McPherson.
 Schulz, Olive, Canton.
 Selleck, George, Emporia.
 Shupe, Celia, Sitka.
 Simpson, Paul, Emporia.
 Schrooten, Mrs. Mabel, Emporia.
 Snyder, Earl H., Galesburg.
 Son, Elmer, Emporia.

States, Kate, Emporia.
 Strong, Cora, Overbrook.
 Strunk, Fannie, Hiawatha.
 Sturman, Nellie, Emporia.
 Taylor, Birdie, Fort Scott.
 Travis, Rena A., Garrison.
 Troll, Anna, Emporia.
 Turkle, Dwight, Emporia.
 Ullman, Margaret, Severy.
 Vandenberg, Grace, Bushong.
 Van Voris, Lucile, Emporia.
 Warrington, Arlo V., Oak Valley.
 Wecker, Emma, Emporia.
 Welchon, Mildred, McLoud.
 Wendlund, Alvin, Winkler.
 Wenzel, Bennett, Emporia.
 West, Mabel, Wichita.
 Wiggam, Winifred, Emporia.
 Wilson, Mrs. Belle, Sedan.
 Wilson, Gladys, Emporia.
 Woodward, Hazel, Emporia.
 Zehnder, Mary, Atchison.

SECONDARY FRESHMEN.

Agrelius, Kenneth, Emporia.
 Ahsman, Gunda, Mulvane.
 Ainsworth, J. W., Rush Center.
 Allen, Ralph, Washington.
 Andreas, Myra, Emporia.
 Andrews, Abbie, Cabool, Mo.
 Ard, Hazel Ruth, Elsmore.
 Arnel, Grace, Fall River.
 Arnel, Nora, Fall River.
 Baker, Ina Blanche, Latimer.
 Benander, Winnie, Richland.
 Berner, Elsie, Hesston.
 Berry, Mrs. M. T., Emporia.
 Black, Cloyd, Lake City, Ill.
 Blake, Fen, New Ulysses.
 Boehme, Shirley, Stafford.
 Boggs, Arthur, Emporia.
 Bolinger, Mary E., Augusta.
 Bradley, Margaret E., Parker.
 Brim, Grayce M., Emporia.
 Brim, James Perry, Emporia.
 Brown, Almer, Madison.
 Brown, Harry Monroe, Emporia.
 Brown, Stella, Madison.
 Bromwell, Harry, Emporia.
 Buck, Frances, Thayer.
 Buck, Myrtle, Galesburg.
 Buckley, Ada, Junction City.
 Burge, Walter, Chanute.
 Burns, Lela, Emporia.
 Burns, Nellie, Emporia.
 Busing, Anna Belle, Uneda.
 Campbell, Gladys, Emporia.
 Campbell, Pauline, Emporia.
 Campbell, Verne, Emporia.
 Carmain, Valda Agnes, Waverly.
 Carter, Elizabeth Emily, Emporia.
 Chapin, Ernest, La Harpe.
 Chamberlain, William, Fredonia.
 Clawson, Augusta, Potwin.
 Clayton, Mary Eva, Kendall.
 Coghill, Helen, Hepler.
 Clower, Fay Walter, Chanute.
 Cole, Benjamin, Emporia.
 Coleman, Willis, Overbrook.
 Cook, Delmont, Fredonia.
 Crawford, Marie, Kansas City, Mo.
 Crist, Alice, Marquette.
 Crist, Emily, Marquette.
 Cross, Florence, Emporia.
 Crowell, Grace E., Alta Vista.
 Crowley, Frank G., Mulvane.

Curtis, Jennie, Muskogee, Okla.
 Darrah, Mary, Emporia.
 Davis, Mrs. Ethel, Council Grove.
 Davis, Olive Lodoska, La Cygne.
 Davis, Perry, Fort Scott.
 Davis, Thelma, Council Grove.
 Dent, Ellsworth, Council Grove.
 Dickman, Ida, Rosalia.
 Dillet, Laura, Hunter.
 Donovan, Clyde, Corning.
 Drake, Mattie, Blue Mound.
 Duer, Joe, Zenith.
 Dunham, Myron, Hamilton.
 Ecord, Lloyd A., Garnett.
 Elliott, Ella Anne, El Dorado.
 Elliott, Elizabeth May, El Dorado.
 Evans, George, El Paso, Ill.
 Fagerberg, Ellen, Olsburg.
 Faidley, Hila, Broughton.
 Fawl, Arthur, Overbrook.
 Fischer, Helen, New Ulysses.
 Fleming, Hallie, Emporia.
 Flynn, Joseph P., Palmer.
 Forbes, Eunice, Emporia.
 Forsyth, Clema, Fredonia.
 Foster, Howard, Carbondale.
 Francis, La Roy, Natoma.
 Frey, Lena, Vassar.
 Fulmer, Mabel, Cherryvale.
 Fultz, Atlee, Emporia.
 Gamis, Nona, Pierceville.
 Garrett, Irl George, McLouth.
 Gardner, Flossie, Norwich.
 Gardner, Sadie, Tampa.
 Geesling, Gertrude, Turon.
 Giles, Minnie, Wichita.
 Gilman, Esther, Emporia.
 Godfrey, Ethel, Centerville.
 Green, Grace, Brownell.
 Green, Lola, Le Roy.
 Green, Viola E., Brownell.
 Gunzelman, Dewey, Emporia.
 Gunzelman, Goldie, Emporia.
 Gunzelman, Joseph, Emporia.
 Halbe, Blanche, Dorrance.
 Harrel, Mary, Attica.
 Hatcher, Mary, Emporia.
 Hatcher, Paul, Emporia.
 Haynes, Virginia, Emporia.
 Hershey, Dollie Irene, Milton.
 Hearn, Thomas, Yates Center.
 Hearting, Mary E., Brownell.

SECONDARY FRESHMEN—concluded.

Hemphill, W. H., Iuka.
 Hensley, Alta, McPherson.
 Hershner, Glenn, McLouth.
 Hill, Ruth O., Emporia.
 Hinman, Lucy, La Fontaine.
 Holroyd, Flora E., Sedan.
 Honn, Charlotte, Emporia.
 Honn, Terril, Emporia.
 Hough, Nellie, Fostoria.
 Housh, Maud Agnes, Valley Falls.
 Hunter, Laura, Zenda.
 Hunter, Mildred, Emporia.
 Irwin, Jennie, Emporia.
 Jackson, Leta May, Emporia.
 Jaquith, Gladys, Emporia.
 James, Ivah, Emporia.
 James, Inez, Wilsey.
 Johnson, Edith, Wilsey.
 Johnson, Ellen, Assaria.
 Johnson, Merril, Phillipsburg.
 Jones, Agnes Ethel, Valley Falls.
 Jones, Mamie, Emporia.
 Jones, Esther Bernice, Emporia.
 Kendall, Gladys, Mound City.
 Kunz, Homer Marion, Emporia.
 Laird, Minnie, Harper.
 Lamb, Edith M., Alamota.
 Lamb, Grace, Emporia.
 Lapham, Walter, Emporia.
 Latta, William, Emporia.
 Likes, Olive, Neosho Rapids.
 Lindholm, Vera, Falun.
 Lindholm, Victoria, Falun.
 Lizer, George, Westphalia.
 McCall, La Roy, Emporia.
 McDill, Hardin, Emporia.
 Maddock, Maurice, Emporia.
 McClausky, Lizzie, Quincy.
 McConnell, Donald, Council Grove.
 McConnell, Edith, Council Grove.
 McDonald, Kathryn, Hartford.
 McMorris, Grace, Washington.
 Maib, Bertie, Lyndon.
 Maib, Lena Pearl, Lyndon.
 Manly, Roy, Diamond Springs.
 Masterson, Cordelia, Manhattan.
 Mathew, Mae, Earleton.
 Mathew, Renel, Earleton.
 Mayfield, Taylor, Augusta.
 Mehl, George, Emporia.
 Milbradt, Nellie, Burlingame.
 Miller, Flossie, Tescott.
 Minich, Grace, Burlington.
 Morris, Lucile, Emporia.
 Morris, Norma, Chase.
 Morrissey, Mae, Frankfort.
 Morse, Lena, Americus.
 Mosby, Temple, Emporia.
 Murdock, Ora, Ness City.
 Murphy, Teresa, Richland.
 Musgrave, Pearl, Springhill.
 Nelson, Anna, Falun.
 Nelson, Pearl, Vesper.
 Naanes, Hazel, Erie.
 Nelson, Robert Raymond, Hooser.
 Nicholas, Sarah, Emporia.
 Page, Myrtle, Hamilton.
 Parson, Bessie, Downing Station.
 Parsons, Minnie, Kelso.
 Parsons, Nellie, Downing Station.
 Patterson, Genevieve, Barnes.
 Patterson, Jessie, Belleville.
 Pearson, Curtis, Fredonia.
 Peck, Eunice, Greensburg.
 Price, Blanche, Earleton.
 Radke, Mary, St. John.
 Rages, Edward A., Emporia.
 Ramsey, Clarice, Wilsey.
 Rathgeber, Alfreda, Tipton.
 Rash, Lola, Atlanta.
 Read, Dessa, Ottawa.
 Rees, Dick, Downs.
 Riggs, Doris P., Mulvane.
 Robb, Susie, Salina.
 Robinson, Guy, Heizer.
 Rogers, Williard, Emporia.
 Ross, Florence, Meade.
 Ross, Lester, Parsons.
 Ryman, Ramona, Americus.
 Safarik, Anton, Tampa.
 Sanders, Vesta, Marion.
 Schletzbaum, Rena, Conway.
 Schoonover, Pearl, Laird.
 Schwendig, Rose, Council Grove.
 Scott, Mrs. Sarah, Atlanta.
 Scott, Zella, Ransom.
 Seyb, Emma, Pretty Prairie.
 Seyb, Millie, Pretty Prairie.
 Senter, Ethel, Wilsey.
 Sheely, Lois, Kingsdown.
 Shaw, Everett, Emporia.
 Sheridan, Phillip, Clements.
 Simmons, Bertha, Dunlap.
 Smith, James, Cedar Point.
 Smith, Otto, Emporia.
 Snodgrass, Leota, Council Grove.
 Stannard, Mae, Emporia.
 Stark, Ida L., Fall River.
 Stark, Lexie, Lucas.
 Stenger, Barbara, Wayne.
 Stiles, William Lee, Mound City.
 Stotler, John, Emporia.
 Swanson, Lillie, White City.
 Swearingen, Florence, Lucas.
 Thompson, Mrs. Elsie, Ness City.
 Thompson, Eola, Hunter.
 Tipton, Capitola, Parsons.
 Tipton, Della May, Morehead.
 Trivett, Clayton, Eskridge.
 Troll, Matilda, Emporia.
 Turner, Virginia, Emporia.
 Turney, Minnie, Emporia.
 Valyer, Herbert Arden, Allen.
 Voorhees, Hannah, Olpe.
 Wallace, Minnie, Ransom.
 Warrington, Arlo, Oak Valley.
 Wecker, Clara, Emporia.
 Weeks, Mark, Dunlap.
 Welch, Marion, Emporia.
 White, Florence, Emporia.
 Whiteley, Otis, Emporia.
 Whittom, Emma, Kiowa.
 Willoughby, Hops, Coyville.
 Wilson, Gladys, Emporia.
 Wilson, Leslie, Sedan.
 Wilson, Olin, Sedan.
 Wilson, Sadie, Reading.
 Wilson, Valeria, Sedan.
 Wright, Harold, Emporia.
 Wright, Clara Belle, Cambridge.
 Wycoff, Hazel, Wilsey.
 Zollars, Beulah, Emporia.

CORRESPONDENCE STUDENTS.

- Allbaugh, E. B., Clay Center.
 Ambrose, Vida E., Caney.
 Allen, Pearl, Independence.
 Altman, Elizabeth, Topeka.
 Anderson, Sudie, Oskaloosa.
 Babb, Florence E., Petrolia.
 Bailey, Irene, Olpe.
 Barnhart, Mrs. Anna, Overbrook.
 Beck, Anna M., St. John.
 Bingham, Beatrice, Cteney.
 Black, Georgia, Clay Center.
 Blagg, Blanche, Neosho Falls.
 Boal, Mary, Clifton.
 Bostwick, Ella M., Iola.
 Bixler, Grace, Iola.
 Bovard, May, Utica.
 Branscom, Mae, Waverly.
 Braun, Verinika, Perth.
 Brenneman, John, Lake City.
 Briggs, Lulu, Sedan.
 Brown, Sara, Caldwell.
 Brown, Luvenia, Bartlesville, Okla.
 Broughton, Hattie O., Florence.
 Buck, A. E., Severy.
 Burgard, Josephine, Leavenworth.
 Burkhead, Carl R., Meade.
 Byerley, Elizabeth, Fredonia.
 Carpenter, James M., McCracken.
 Cartmel, Nellie B., Emporia.
 Caldwell, Martha, Lecompton.
 Cannon, Jno. L., Beattie.
 Clark, Estella V., Dodge City.
 Cleland, Alice, Americus.
 Clements, Floyd, Anoka, Minn.
 Corbet, Edna M., Valencia.
 Cooper, Charlotte L., Osawatometie.
 Cox, Loren M., Haviland.
 Cram, Robert, St. Francis.
 Cross, Maude L., Lebanon.
 Davis, Nannie Lee, Clearwater.
 Dent, Ellsworth C., Council Grove.
 Detlor, Grace, Topeka.
 De Young, Ruth, Emporia.
 Dillett, Laura, Hunter.
 Dean, Mary, Nickerson.
 Duer, Myrtle, Sylvia.
 Eastman, Bessie, Matfield Green.
 Eccles, Eveline, Hutchinson.
 Fisher, Elva, Cedar Point.
 Gallagher, Lola A., Hoxie.
 Gepharte, Elden E., Yates Center.
 Gepharte, Anna L., Neodesha.
 Gilman, Pearl, Neosho Rapids.
 Gildart, Rita, Neodesha.
 Glenn, Mirriam L., Kiowa.
 Good, Elsie M., Cimarron.
 Grady, Mary, Reno.
 Graham, Ethel, Paola.
 Hall, Effie Lee, Minneola.
 Harris, Verle, Neodesha.
 Haswell, Mary E., Garfield, Ark.
 Hardin, Ruth C., Otis.
 Harris, Cathlene, Eudora.
 Harvey, Cora B., Mildred.
 Hawley, Clara, Hutchinson.
 Heglin, Emma S., Superior, Neb.
 Hemphill, Sue V., Clay Center.
 Hess, Kathleen, Hutchinson.
 Hicks, Effie, Wellington.
 Hill, Azelia M., Downs.
 Hinchman, Wm. J., Fredonia.
 Hostetler, Ivan P., Wetmore.
 Hoffman, Mabel E., Colby.
 Holton, Ethel, Hutchinson.
 Hurst, Jennie D., Buhl, Idaho.
 Isaacs, Leroy R., Holton.
 Jameson, Faye, Osawatometie.
 James, Harry, Hartford.
 Janes, Ethel, Merriam.
 Jarrott, J. W., Iola.
 Jenks, Gertrude, Westmoreland.
 Jones, Catherine, Emporia.
 Jones, Iowa, Beattie.
 Johnson, Addie V., Alta Vista.
 Johnson, Edna L., Winfield.
 Johnson, Bettie B., Falun.
 Johnson, Esther, Ellinwood.
 Jorgensen, F. H., Scranton.
 Kaiser, Laura, Timken.
 Kelsey, Geo. W., Kimball.
 Kenney, Margaret, Pawnee Rock.
 King, Wesley T., Moline.
 King, Edna, Elk City.
 Kiser, Olive G., Sedgwick.
 Kitchen, Louise M., Williamsburg.
 Kratochvil, Emil, Clay Center.
 Kraemer, C., Vermilion.
 Lee, Etta, Edmond.
 Lehman, A. F., Lyons.
 Lewis, Dennis M., Kingfisher.
 Lewis, Mary H., Wichita.
 Lippe, Anna, Miltonvale.
 Lippe, Gertrude, Miltonvale.
 Lyness, A. S., Simpson.
 Lynn, Ruth, Neosho Falls.
 Maher, Ruby E., Osawatometie.
 Maple, May, Dalton.
 Martin, Beatrice, Leavenworth.
 Mason, Cecil, Yates Center.
 Matchett, Myrtle I., Beattie.
 Masfield, Martha, Syracuse.
 Mayer, Ruth N., Osawatometie.
 McCabe, Bertha, Lyons.
 McQuillen, Sophia, Clay Center.
 McGuire, Harry, Valley Falls.
 McMullen, William, Kensington.
 Menehan, John, Oketo.
 Menehan, F. J., Beattie.
 Meyer, Walter J., Sedan.
 Miller, Ellen, Hiawatha.
 Miller, Edith, Haviland.
 Miser, Cora J., Diamond Springs.
 Mullikin, Mary E., Kinsley.
 Musch, Grace, Alta Vista.
 Nansen, Effie R., Lincolnville.
 Nelson, Gladys N., Hooser.
 Nelson, Anna, Falun.
 Palmer, J. C., Anthony.
 Perkins, Glenn O., Scott City.
 Pegram, Malinda, Emporia.
 Powers, Anna, Lakin.
 Prowant, Vernie, Bendena.
 Rahe, Anna, Emporia.
 Rankin, C. M., Kinsley.
 Read, W. P., Los Angeles, Cal.
 Reed, Etta, Enterprise.
 Rees, Ernest C., Girard.
 Reeve, Juliet, Hugoton.
 Reid, Nellie M., Norcatur.
 Reneau, Mary, Florence.
 Reynolds, Alma, Osawatometie.
 Rich, Rosa, Cawker City.
 Ringburg, Myrtle, Kansas City.
 Ricketts, Lulu B., Iola.
 Roberts, Edith L., Tribune.
 Schultz, Nelle, Kenneth.
 Schlagle, Leslie, Wolcott.
 Schoff, Hazel, Offerle.
 Seaver, W. D., Severy.
 Seyb, Millie, Pretty Prairie.
 Sharp, Jessie, Council Grove.
 Shumate, Blanche, McFarland.
 Sinclair, C. C., Fredonia.
 Spence, Millie, Palmer.
 Smedley, Marie S., Garden Plain.
 Smiley, Laura, Beardsley.
 Steele, Lenore, Rulo, Neb.
 Stevens, Nora K., Langdon.
 Stites, W. Lee, Collbran, Colo.
 Stevenson, E. J., Collinsville, Okla.

CORRESPONDENCE—concluded.

Stout, Elsie P., Cambridge, Mass.
 Strutzel, Martha, Nortonville.
 Startup, Netta, Topeka.
 Taylor, Roy H., Durham.
 Thomas, Ola M., Salina.
 Thompson, C. A., Walton.
 Todd, Bessie, Holyrood.
 Triplett, Roger, Emporia.
 Van Duser, Florence, Neodesha.
 Van Keuren, Helen E., Iola.
 Wall, Margaret, Topeka.
 Walters, Fred C., Neosho Falls.
 Ward, Inez E., Le Roy.
 Ward, Frankie, Topeka.

White, Alma E., Glen Elder.
 Wilson, Ethel R., Junction City.
 Wood, Walter A., Beattie.
 Wooster, David, Minneapolis.
 Wright, Julia M., Clay Center.
 Wright, Philo A., Galva.
 Woods, Wm. P., Garden Plain.
 Whitefield, Myrtle H., Wellington.
 Wuester, Vera, Beattie.
 Young, Ora R., Pleasanton.
 Young, Russell M., Plymouth.
 Young, Eva, Bushong.
 Yoder, Blanche, Hutchinson.
 Yoder, Jonathan J., Enterprise.

IRREGULAR.

Becker, Myrtle, Emporia.
 Bushorr, Lena, Galena.
 Cadwell, Kitty J., Caney.
 Calfee, Myrtle, Altoona.
 Clar, Murtle, Gaylord.
 Cox, Mrs. Clara, Hutchinson.
 Crocher, Grace, Independence.
 Cromley, Kate, Mulvane.
 Cunningham, Nellie, Summerfield.
 Davis, David, Emporia.
 Detlor, Agnes, Grantville.
 De Voss, Mrs. J. C., Horton.
 Dulaney, Lena, Bowling Green, Ky.
 Dunbar, James, Floral.
 Dunn, Alma, Kansas City.
 Dunn, Edna, Le Loup.
 Finnigan, Frank, Beloit.
 Funk, Lowell, Kelly.
 Giles, Winona, McLoud, Okla.
 Hays, Mabel, Ottawa.
 Heglin, Emma, Superior, Neb.
 Jacques, Ella, Strong City.
 Joyce, Mary, Lawrence.
 Kayser, Emma, Bellevue, Neb.
 Keys, Diana, Olathe.
 Kolterman, Grace, Welda.
 Lawson, Mary E., El Reno, Okla.
 Lewis, Jane Jones, Emporia.
 Lovett, Annie, Galva.
 McCarty, Margaret, Coffeyville.
 McKinney, Belle, Iola.
 McKittrick, Margaret, Wilson.
 Maple, Anna, Mulvane.

Miller, Ralph, Garden City.
 Minor, Ida, Syracuse.
 Mitchell, William N., Emporia.
 Money, Ethel L., Wichita.
 Mulvaney, Earl, Erie.
 Osborne, Adele B., Wellington.
 Parks, Ruth M., Wichita.
 Pollard, Rosella, Sedgwick.
 Randolph, William, Fairview.
 Randolph, Mrs. W. D., Fairview.
 Rankin, Ora, Belpre.
 Rees, Edward, Emporia.
 Robison, Sybil, Corning.
 Scott, Edna Maude, Morrill.
 Shemwell, Clifton, Norton.
 Smith, Ada, Lancaster.
 Smith, Maude E., Sterling.
 Spencer, Florence, Richmond.
 Startup, Netta, Rossville.
 Stoner, Ruth, Hugoton.
 Surbeck, Nelle, Emporia.
 Tawksley, W. A., Peru.
 Taylor, Mrs. A. P., Emporia.
 Thompson, Essie, Waco, Tex.
 Trowbridge, Jessie A., Clay Center.
 Wayland, Julia, Girard.
 Ward, Edna, Perry.
 Whitaker, F. J., Corning.
 Wiggam, Winifred, Emporia.
 Williams, Maude, White City.
 Williams, Sarah E., Scotland, Ga.
 Wisdom, Bessie M., Cerrillos, N. Mex.
 Wolfe, Mrs. Carrie, Plymouth.

TRAINING SCHOOL.

Pupils, 274.

MUSIC.

Ackley, Florence, Portis.
 Agrelius, Claire, Emporia.
 Arnold, Iras, Emporia.
 Ayers, Julia, Mankato.
 Bangs, Lucile, Emporia.
 Baptist, Myrna, Emporia.
 Bender, Mabel, Miltonvale.
 Blevins, Cenith, Oskaloosa.
 Brigham, Rosalie, Council Grove.
 Brody, Lucile, Emporia.
 Brown, Bertha, Emporia.
 Bunge, Ruth, Waverly.
 Burnap, Harry, Emporia.
 Burnap, Mary, Emporia.
 Burr, Marian, Emporia.
 Cameron, Mary E., Oklahoma City, Okla.
 Cameron, Roy R., Louisville.
 Cannady, Mabel, Emporia.
 Cape, H. I., Norton.
 Caret, Zula, Emporia.
 Carr, Eva, Republic.
 Carroll, Isabel, Manhattan.

Cockey, Nellie, Hutchinson.
 Colegrove, Ralph, Girard.
 Coleman, Charles, Emporia.
 Cook, Harriet, Emporia.
 Cooley, Hope, Emporia.
 Cooper, Mary, Garden City.
 Darrough, Alma, Emporia.
 Dickason, Edith, Emporia.
 Dietrich, Louise, Pymouth.
 Doering, Elsie, Emporia.
 Duncan, Alice, Emporia.
 Eckdall, Lida, Emporia.
 Eddy, Cressie, Havensville.
 Ehrlich, Thelma, Emporia.
 Elliott, Mayme, Emporia.
 Evans, Ethel, Emporia.
 Evans, Louise, Emporia.
 Everett, Ray, Emporia.
 Fair, Esther, Medicine Lodge.
 Fitzpatrick, Maud, Emporia.
 Flanagan, Nellie, Beattie.
 Flora, Ada, Chase.

MUSIC—concluded.

Friend, Frances, Emporia.
 Gardner, Helen, Hartford.
 George, Mary, Emporia.
 Gist, Mrs. J. R., Emporia.
 Gorvin, Sophia, Emporia.
 Grant, Ethel, Emporia.
 Grant, Gladys, Emporia.
 Graves, Sarah, Oklahoma City, Okla.
 Greene, Mrs. Nannie, Emporia.
 Grady, Robert, Emporia.
 Hadley, Beth, Emporia.
 Harris, Loy, Emporia.
 Harris, Lucile, Emporia.
 Harvey, Corvin, Emporia.
 Haywood, Elizabeth, Emporia.
 Hemenway, Ruth, Emporia.
 Henkle, Lydal, Emporia.
 Henthorn, Rose, Burden.
 Hill, Duryee, Emporia.
 Hudson, Ethel, Rogers, Ark.
 Huggins, Mary, Emporia.
 Hunter, Adelaide, Emporia.
 Jeremy, Ruth, Emporia.
 Jones, Esther Marsena, Emporia.
 Kelley, Marjorie, Emporia.
 Kittell, Willetta, Emporia.
 Lawrence, Louie, Hartford.
 Little, Glenn, Emporia.
 Lockhart, Myrtle, Humboldt.
 Lore, Marjorie, Emporia.
 Lowther, Kathleen, Emporia.
 Lyness, Mrs. Arthur, Ada.
 McCaw, Mrs. Mabel, Emporia.
 McClure, Louise, Emporia.
 McGrew, Mabel, Allen.
 McKee, Hazel, Havensville.
 McNamee, Chloe, Nickerson.
 Mahery, Marjorie, Medicine Lodge.
 Mayes, Blanche, Emporia.
 Mayes, Esther, Emporia.
 Miller, Hortense, Emporia.
 Miner, Bertha, Burlingame.
 Mitchell, Christine, Emporia.
 Mitchell, Margaret, Emporia.
 Moore, Marie, Emporia.
 Norton, Grace, Emporia.
 Officer, Ruth, Emporia.
 O'Neal, Cora, Brewster.
 Parrington, Mary Louise, Emporia.

Patterson, Clayton, Emporia.
 Patterson, Wayne, Emporia.
 Peck, Gertrude, Sheldon, Mo.
 Pelkington, Lucile, Reading.
 Pinkerton, Ernestine, Emporia.
 Pixley, Nora E., Wamego.
 Plumb, Inez, Emporia.
 Plumb, Roxanna, Emporia.
 Ramseyer, Margaret, Emporia.
 Rasmussen, Ethel, Emporia.
 Read, Dorothy, Emporia.
 Reeves, Constance, Emporia.
 Richards, Florine, Emporia.
 Ridenour, Lenna, Emporia.
 Rose, Mrs. Frederica, Dunlap.
 Ruff, Abbie, Houston.
 Secrest, Bessie G., Emporia.
 Simon, Father, Emporia.
 Sinclair, Dora, Topeka.
 Shiesher, Katherine, Emporia.
 Smith, Helen, Lincoln.
 Snell, Polly, Independence.
 Soden, Margaret, Emporia.
 Sommer, Victor, Emporia.
 Speer, Murtle, Muscotah.
 Speer, Vering, Emporia.
 Spriggs, Mrs. Robert, Emporia.
 Sterratt, Mabel, Emporia.
 Stolfus, Viola, Emporia.
 Strawman, Ethel, Emporia.
 Switzer, Ethel G., Emporia.
 Teichgraeber, Laura, Emporia.
 Tressler, Bessie, Emporia.
 Tressler, Helen, Emporia.
 Troutman, Marie, Los Angeles, Calif.
 Tuhey, Dorothea, Emporia.
 Urquhart, Elizabeth, Emporia.
 Vaughn, Beulah, Emporia.
 Wachter, Mary, Emporia.
 Ward, Cora, Emporia.
 Ward, Vannie, Emporia.
 Warner, Ida Mac, Burlingame.
 Watkins, Evangeline, Emporia.
 Watkins, Tom, Emporia.
 Weatherly, Marie, Emporia.
 Whittemore, Bertha, Emporia.
 Williams, Carrie, White City.
 Williams, Mary, Emporia.
 Woodson, Fannie, Emporia.

SUMMARY OF ATTENDANCE.

COLLEGE.				
Graduates	39	Freshmen	252	
Seniors	90	Correspondence	188	
Juniors	156	Irregular	86	
Sophomores	440	Training School	274	
Freshmen	1,024	Music	274	
HIGH SCHOOL.		Total	3,334	
Seniors	183	Repetitions (largely in music)	117	
Juniors	175	Grand total	3,217	
Sophomores	153			

KANSAS COUNTIES REPRESENTED.

The following-named counties—98 in all—were represented during the past year. As younger children make up the classes in the primary, intermediate and grammar grades of the Training School, the pupils listed there are largely from Emporia or from the immediate vicinity. Many pupils who are enrolled as from Emporia belong to families residing here temporarily for the purpose of educating their children.

Allen	50	Greenwood	58	Ottawa	16
Anderson	38	Hamilton	10	Pawnee	5
Atchison	19	Harper	16	Phillips	10
Barber	14	Harvey	26	Pottawatomie	32
Barton	10	Haskell	5	Pratt	4
Bourbon	23	Hodgeman	4	Reno	45
Brown	27	Jackson	30	Republic	20
Butler	42	Jefferson	40	Rice	15
Chase	18	Jewell	18	Riley	20
Chautauqua	14	Johnson	18	Rooks	6
Cherokee	3	Kearny	6	Rush	7
Cheyenne	1	Kingman	14	Russell	14
Clark	12	Kiowa	3	Saline	37
Clay	22	Labette	23	Scott	2
Cloud	15	Lane	11	Sedgwick	46
Coffey	40	Leavenworth	16	Seward	5
Comanche	1	Lincoln	13	Shawnee	49
Cowley	30	Linn	36	Sheridan	4
Crawford	16	Logan	2	Sherman	1
Decatur	7	Lyon	945	Smith	15
Dickinson	28	Marion	40	Stafford	8
Doniphan	8	Marshall	51	Stevens	2
Douglas	34	McPherson	34	Sumner	53
Edwards	9	Meade	8	Thomas	7
Elk	21	Miami	22	Wabaunsee	23
Ellsworth	5	Mitchell	20	Washington	32
Finney	12	Montgomery	44	Wichita	3
Ford	35	Morris	48	Wilson	32
Franklin	41	Nemaha	31	Woodson	34
Geary	5	Neosho	41	Wyandotte	35
Gove	1	Ness	36		
Graham	7	Norton	8	Total	3,148
Grant	6	Osage	56		
Gray	8	Osborne	11		

FROM OUTSIDE OF KANSAS.

Arkansas	3	Kentucky	1	Oklahoma	28
California	1	Korea	1	Pennsylvania	1
Colorado	2	Michigan	1	South Dakota	1
Georgia	1	Missouri	19	Texas	1
Illinois	1	Nebraska	3		
India—Dehra Dun	2	New Mexico	2	Total	69
Japan	1			Grand total	3,217

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KANSAS
STATE NORMAL SCHOOL
EMPORIA

GENERAL CATALOGUE
1915-1916

WITH ANNOUNCEMENTS FOR 1916-1917

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WITH ANNOUNCEMENTS FOR 1916-1917

KANSAS STATE PRINTING PLANT.

W. R. SMITH, State Printer.

TOPEKA. 1916

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Courses in Agriculture, Bacteriology, Biology, Botany, Chemistry, Commerce, Drawing, Economics, English, Geography, Geology, German, Government, Histology, History, Home Economics, Hygiene, Kindergarten, Latin, Library Science, Manual Training, Mathematics, Methods, Music, Observation, Physical Training, Physics, Physiology, Practice Teaching and Public Speaking suited to the needs of elementary and advanced students will be given in the Summer Term. Educational lectures by men and women of prominence will be given throughout the term. Expenses moderate.

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LEE M. HARRISON, Secretary	<i>Topeka.</i>
J. T. LARDNER, Financial Secretary and Purchasing Agent	<i>Topeka.</i>

CALENDAR.

1916.

January							February							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	..	1	..	..	1	2	3	4	5	..	..	..	1	2	3	4
2	3	4	5	6	7	8	6	7	8	9	10	11	12	5	6	7	8	9	10	11
9	10	11	12	13	14	15	13	14	15	16	17	18	19	12	13	14	15	16	17	18
16	17	18	19	20	21	22	20	21	22	23	24	25	26	19	20	21	22	23	24	25
23	24	25	26	27	28	29	27	28	29	..	..	..	..	26	27	28	29	30	31	..
30	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	..	1	..	1	2	3	4	5	6	..	..	..	..	1	2	3
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
23	24	25	26	27	28	29	28	29	30	31	..	..	..	25	26	27	28	29	30	..
30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	..	1	..	..	1	2	3	4	5	..	..	..	..	..	1	2
2	3	4	5	6	7	8	6	7	8	9	10	11	12	3	4	5	6	7	8	9
9	10	11	12	13	14	15	13	14	15	16	17	18	19	10	11	12	13	14	15	16
16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23
23	24	25	26	27	28	29	27	28	29	30	31	..	..	24	25	26	27	28	29	30
30	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	..	..	..	1	2	3	4	..	..	..	..	..	1	2
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
29	30	31	..	..	..	..	26	27	28	29	30	..	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	..	..	..	..	..	..

1917.

January							February							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	1	2	3	4	5	6	..	..	..	..	1	2	3	..	..	..	..	1	2	3
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24
28	29	30	31	..	..	..	25	26	27	28	..	..	..	25	26	27	28	29	30	31
April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	..	..	1	2	3	4	5	..	..	..	..	..	1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30	..	..	..	..	..	27	28	29	30	31	..	..	24	25	26	27	28	29	30

School Calendar for 1916-1917.

(The school year is divided into a summer term of eight weeks and two semesters of eighteen weeks each.)

1916.

May 26-27, Friday-Saturday—Registration of students in residence for the Summer Term.
June 1, Thursday—Opening date of Summer Term.

June 1-2, Thursday-Friday—Registration of new students for the Summer Term.

June 23-24, Friday-Saturday—County teachers' examination.

June 30, July 1, Friday-Saturday—County teachers' examination.

July 4, Tuesday—A holiday.

July 28, Friday—Closing date of Summer Term.

July 28-29, Friday-Saturday—County teachers' examination.

September 8-9-11, Friday-Saturday-Monday—Registration of students for the First (September-January) Semester.

September 12, Tuesday—Opening date of the First (September-January) Semester.

October 27-28, Friday-Saturday—County teachers' examination.

November 30, Thursday, }
December 1, Friday, } Thanksgiving vacation.

December 22, Friday, 6 p. m.—Beginning of Christmas vacation.

1917.

January 2, Tuesday, 8 a. m.—Opening of School after Christmas vacation.

January 26, Friday—Close of the First (September-January) Semester.

January 26 and 27, Friday-Saturday—Registration of students for the Second (January-June) Semester.

January 26-27, Friday-Saturday—County teachers' examination.

February 15, Thursday—Founders' Day.

March 16, Friday, 8 p. m.—Latin Play.

March 23, Friday, 8 p. m.—Normal Training High School Play.

April 2, Monday—Organization of new classes.

April 13, Friday, 8 p. m.—German Play.

June 1-2, Friday-Saturday—Registration of students in residence for the Summer Term.

June 2, Saturday, 8 p. m.—Commencement exercises of the Normal Training High School.

June 3, Sunday 11 a. m.—Baccalaureate Service.

June 4, Monday, 8 p. m.—Commencement Play.

June 5, Tuesday, 3 p. m.—Alumni business meeting.

4 p. m.—Alumni reception.

June 5, Tuesday—Graduation exercises, Department of Music.

June 6, Wednesday, 9:30 a. m.—Commencement exercises.

12 m.—Alumni dinner.

June 7, Thursday—Opening date of Summer Term.

June 7-8, Thursday-Friday—Registration of new students for the Summer Term.

Officers of Instruction and Administration.

Officers of Instruction.

THOMAS WALTER BUTCHER, *President*. A. B., University of Kansas; A. M., Harvard University; graduate study, University of Berlin.

LOUISE M. ALDER, *Professor of Kindergarten Education*. A. B., University of Kansas; A. M., Columbia University; Chicago Kindergarten College; graduate study, Teachers' College.

JANE K. ATWOOD, *Acting Head, Department of Geography*. Ed. B., M. S., University of Chicago.

EDWIN R. BARRETT, *Professor of English*. A. B., Park College; A. M., University of Kansas; graduate study, University of Chicago.

FRANK A. BEACH, *Director of Department of Music and Professor of Public School Music*. B. L., University of Michigan; Syracuse University School of Music; Juliani School of Opera, Paris.

ELIZABETH BEYE, *Head of Department of Home Economics*. B. S., Lewis Institute; graduate study, University of Wisconsin.

HERBERT HILL BRAUCHER, *Professor of Manual Training*. B. S., University of Illinois; Stout Institute.

GERTRUDE BUCK,¹ *Professor of Library Science*. B. L. S., Wisconsin State Normal School, Platteville, Wis.; graduate study, University of Wisconsin; Illinois State Normal School.

WILLIS H. CAROTHERS, *Professor of Secondary Education and Principal Normal Training High School*. A. B., A. M., University of Kansas; graduate study, University of Chicago.

HORACE M. CULTER, *Professor of Rural School Education*. A. B., Kansas State Normal School.

LILLIAN M. DUDLEY,² *Professor of Modern Languages*. B. S., Kansas State Normal School; A. M., University of Chicago.

JAMES CLARENCE DEVOSS, *Associate Professor of Psychology and Philosophy*. A. B., A. M., University of Colorado.

EXPLANATION OF REFERENCE MARKS.

- | | |
|-------------------------------------|---|
| 1. Absent on leave, first semester. | 8. Assistant first semester. |
| 2. Absent on leave, 1915-'16. | 9. Filled vacancy in September and October. |
| 3. Resigned February 1, 1916. | 10. Resigned March 1, 1916. |
| 4. Work to begin June 1, 1916. | 11. Elected February, 1916. |
| 5. Resigned August 1, 1915. | 12. Began March 1, 1916. |
| 6. Summer School, 1915. | |
| 7. Assistant second semester. | |

- GEORGE W. ELLIS, *Associate Professor of Mathematics*. A. B., A. M., Hamilton College; graduate study, University of Chicago.
- FRANKLIN L. GILSON, *Professor of Public Speaking and Expression*. Ph. B., Upper Iowa University; Cumnock School of Oratory; University of Chicago; Curry School of Expression.
- EMMA L. GRIDLEY, *Professor of Drawing*. A. B., Kansas State Normal School; Massachusetts Normal Art School; University of Chicago; Dow's Summer Art School; New York University.
- ACHSAH MAY HARRIS, *Professor of Primary Education*. A. B., Kansas State Normal School; graduate study, University of Michigan; University of Chicago; Chicago School of Music; Columbia University.
- W. L. HOLTZ, *Professor of Latin*. A. B., Baker University; graduate study, University of Chicago.
- FREDERICK JAMES KELLEY,³ *Director of the Training School*. A. B., University of Nebraska; Ph. D., Columbia University.
- WILLIS H. KERR, *Librarian and Professor of Library Science*. A. B., Bellevue College, Nebraska; A. M., Columbia University; graduate study University of Edinburgh.
- THEODORE LINDQUIST, *Professor of Mathematics*. A. B., Lombard College; M. S., Northwestern University; Ph. D., University of Chicago.
- HERBERT G. LULL,⁴ *Director of the Training School*. A. B., Ypsilanti State Normal School; A. M., University of Michigan; Ph. D., University of California.
- JAMES W. MAYBERRY, *Professor of Chemistry*. A. B., University of Kansas; A. M., University of Kansas.
- WALTER S. MONROE, *Professor of School Administration and Director of Bureau of Educational Measurements and Standards*. A. B., B. S., A. M., University of Missouri; Ph. D., University of Chicago.
- L. A. PARKE, *Professor of Commerce*. LL. B., University of Kansas.
- CHARLES R. PHIPPS, *Professor of Agriculture*. B. S., University of Illinois.
- MABEL L. SMITH, *Director of Physical Training for Women*. Sargent Normal School of Physical Education; University of Colorado; Gilbert School of Dancing; Chalif Normal School of Dancing; Chicago Normal School of Dancing.
- WALTER R. SMITH, *Professor of Sociology and Economics*. Ph. B., Missouri Valley College; Ph. M., Ph. D., University of Chicago; Harvard University; Columbia University.
- GEORGE W. TIDD, *Professor of Physics*. B. S., Valparaiso University; M. S., Iowa State University.

- NORMAN TRIPLETT, *Professor of Psychology and Philosophy*. A. B., Illinois College; A. M., Indiana University; Ph. D., Clark University.
- CLAIR K. TURNER, *Director of Physical Training for Men*. A. B., Kansas State Normal School; graduate study, Harvard University and University of Chicago.
- FRANK W. WHITE, *Professor of Physiology and Hygiene*. M. D., Tufts College Medical School, Boston; Harvard University School of Physical Education.
- MARY ALICE WHITNEY, *Professor of American History and Government*. A. B., University of Michigan; A. M., Columbia University; graduate study, University of Chicago; Teachers College.
- PELAGIUS WILLIAMS, *Professor of European History*. A. B., College of Emporia; A. M., University of Chicago; graduate study, Columbia University.
- LYMAN C. WOOSTER, *Professor of Zoölogy and Geology*. Ph. D., Milton College; graduate study, Yale University; University of Wisconsin; University of Chicago.
- FRANK U. G. AGRELIUS, *Instructor in Bacteriology and Botany*. A. B., A. M., University of Kansas.
- ALVIN LEROY BABB,⁵ *Instructor in Physical Training for Men*. B. O., Dillenbeck School of Oratory; A. B., University of Kansas; A. M., University of Kansas.
- GEORGE R. BABB, *Instructor in Physical Training for Men*. A. B., University of Kansas; Harvard University Normal School of Physical Education.
- IVA L. BECK,⁵ *Supervising Teacher of Arithmetic in the Training School*. Nebraska State Normal School; University of Nebraska.
- CHARLES HENRY BELTING, *Instructor in Agriculture in the Normal Training High School*. B. S., University of Illinois.
- FLORENCE G. BILLIG, *Supervising Teacher of Science in the Training School*. B. S., University of Chicago.
- ANNA BINGHAM, *Assistant Instructor, Kindergarten Department*. Kansas State Normal School.
- FRANK L. BLACK, *Instructor in Latin in the Normal Training High School*. A. B., Christian University, Canton, Mo.; graduate study, University of Missouri; A. M., University of Chicago.
- FLORENCE EUDORA BISHOP,⁶ *Instructor in Drawing*. B. L., Ohio Wesleyan University; Prang Summer School; Teachers College; Delecluse Academy, Paris, France.
- ROSALIE BRIGHAM, *Instructor in Piano*. Music Department, Kansas State Normal School.

ANNA HELEN BROGAN, *Instructor in History in the Normal Training High School.* A. B., Kansas State Normal School; University of Wisconsin.

HORTENSE BROOKOVER, *Instructor in German in the Normal Training High School. Acting Head of Department of Modern Languages 1915-'16.* A. B., University of Kansas; A. M., Columbia University; graduate study, University of Chicago, Colorado University; University of Berlin.

HUGH ROLAND BROWER,⁶ *Instructor in English.* A. B., Wabash College; A. M., Columbia University.

BAKER BROWNELL, *Instructor in English and Editor of "Teaching."* A. B., Northwestern University; A. M., Harvard University; graduate study, Teubingen University, Germany; Cambridge University, England.

JOSEPH DWIGHT DEIHL,⁶ *Instructor in German.* A. B., Eureka College; graduate study, University of Leipzig; University of Paris; University of Wisconsin.

JOHN PAYSON DRAKE, *Instructor in Physics.* A. B., Wesleyan University; A. M., Wesleyan University (Conn.), graduate study, University of Chicago; University of Wisconsin.

DANETTA M. ECKDALL, *Instructor in Drawing.* School of Design, Pittsburgh, Pa., Art Students' League, N. Y.; William Chase's School, N. Y.; Chautauqua Arts and Crafts, Chautauqua, N. Y.; Atkinson, Mentzer Summer School, Chicago.

EDITH FURNAS,⁸ *Instructor in German.* Ph. B. Earlham College, Richmond, Indiana; University of Chicago; University of Berlin; University of Paris.

JOHN GILBERT,⁶ *Instructor in Manual Training.* A. B., Kansas State Normal School; Stout Institute.

BERNICE GALLAGHER,⁵ *Instructor in Physical Training for Women.* B. S., Kansas State Normal School; Chicago Normal School; Sargent School of Physical Education; Chicago Normal School of Dancing; Harvard Summer School of Physical Education.

MARIE A. GOODWIN, *Instructor in Drawing.* State Normal School; Kearney, Nebraska; Art Institute, Chicago.

JOHNIE MAY GRAVES, *Assistant Instructor, Primary Department.* Kansas State Normal School.

LENA HANSEN, *Instructor in Mathematics in the Normal Training High School.* A. B., University of Michigan; graduate study, University of Chicago.

HOMER WOODSON HARGISS, *Athletic Coach.* Harvard Summer School of Physical Education.

EVALINE M. HARTLEY, *Instructor in Voice*. Welch School, Ashford, England; pupil of Edwin Oxenford, Ashford England; pupil of E. Geneve Lichtenwalter, Kansas City, Mo.; pupil of Mrs. Lucy P. Wiggin, Chicago; pupil of Jennie Schultz, Kansas City, Mo.; pupil of Fred Wallis, Kansas City, Mo.; pupil of Johanna Hess Burr, Chicago.

GLADYS HAWKINS, *Instructor in Piano*. Potsdam State Normal School, New York; Leschetizky Master School, Vienna, Austria.

ETHEL HEIDEMANN, *Instructor in Piano*. Kansas State Normal School, Music Department.

FRANCES L. HICOCK,¹¹ *Instructor in English and Public Speaking*. A. B., University of Michigan.

CECILE HINDMAN,⁶ *Instructor in Public School Music*. American Conservatory of Music.

FLORENCE HOBART, *Instructor in Piano*. Kansas City Conservatory of Music.

MARY GRACE HOLMES, *Instructor in English in the Normal Training High School*. A. B., University of Michigan; graduate study, University of Chicago.

ELDA ILLICK, *Instructor in English*. B. S., Knox College; A. M., University of Chicago.

BERNICE ELLEN JOHNSON, *Instructor in Physical Training for Women*. Sargent School of Physical Education; Milwaukee Downer College; Children's Hospital, Boston; University of California.

JOSEPHINE JONES, *Instructor in Voice*. School of Music, Northwestern University.

VIOLETTE REHA JORDAN, *Instructor in Piano*. Chicago Musical College; pupil of Victor Heinze, Chicago; pupil of Severin Eisenberger and Wilhelm Klatte, Berlin, Germany.

HARRISON M. KARR, *Instructor in English and Public Speaking*. A. B., University of Michigan.

GEORGE KEENAN, *Instructor in Violin*. Conservatory of Brussels.

WILLIAM HEBER KELLER, *Instructor in Mathematics in the Normal Training High School*. A. B., Kansas State Normal School; graduate study, University of Chicago.

JOSEPH KITCHIN,⁵ *Instructor in Violin*. M. B., Chicago Musical College; Columbia School of Music.

CARRIE R. KITTELL, *Instructor in Home Economics*. B. S., Kansas State Normal School.

- GEORGE STARR LASHER, *Instructor in English*. A. B., University of Michigan; graduate study, University of Michigan.
- J. HAMILTON LAWRENCE, *Instructor in English*. A. B., A. M., Parkville College, Parkville, Mo.; graduate study, Harvard University.
- ELIZABETH MCCONKEY,⁷ *Instructor in German*. A. B., Morningside College; A. M., University of Chicago.
- EDNA MCCULLOUGH,² *Instructor in Physical Training for Women*. B. S., Kansas State Normal School; Sargent School of Physical Education.
- MAUDE MCDANIEL, *Instructor in English*. B. S., University of Missouri; A. M., University of Wisconsin.
- MAE MCLEOD,⁶ *Instructor in Home Economics*. B. S., Kansas State Agricultural College; University of Chicago.
- OSMON GRANT MARKHAM,⁶ *Instructor in Latin*. A. B., A. M., Litt. D., Baldwin University; graduate study, University of Chicago.
- BLANCHE V. MAULE, *Assistant in the Training School*. Kansas State Normal School.
- RAY M. MERRILL,⁵ *Instructor in English*. A. B., Williams College; A. M., University of California; graduate study, Yale University; The Sorbonne, Paris.
- LOUISE MEUSER,⁷ *Instructor in Home Economics*. Kansas State Normal School.
- MAUDE MINROW, *Instructor in History in the Normal Training High School*. A. B., Kansas State Normal School; graduate study, University of Chicago; Columbia University.
- KATHERINE MORRISON, *Instructor in Drawing*. B. S., Kansas State Normal School; Bradley Polytechnic Institute; Teachers College; Columbia University.
- HARRY MURRISON, *Instructor in Voice*. Dufft Studios, New York City; F. Wallace Pike, Chicago; pupil of Ellison Van Hoose, N. Y.; Max Henrich, Boston; Wilson G. Smith, Cleveland.
- WALTER E. MYER, *Instructor in History*. A. B., Southwestern College; A. M., University of Chicago.
- ANNABEL NEWTON, *Instructor in English*. B. L., and A. B., Ohio Wesleyan University; A. M., University of Michigan; graduate study, University of Chicago and Oxford University, England.
- JULIA E. NORRIS, *Supervising Teacher of Literature in the Training School*. Michigan State Normal School, Kalamazoo; University of Chicago.

THOMAS E. OSBORNE, *Instructor in History*. B. S., Kansas State Normal School.

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E. C. POCKOCK,⁶ *Instructor in Commerce*. B. S., Kansas State Normal School.

ROSALIE POLLOCK,⁶ *Instructor in Primary Methods*. B. S., Teachers College; Chicago University.

ALICE S. PORTER,⁶ *Instructor in Drawing*. Chicago Art School; Sargent School of Physical Education; University of Chicago; School of Fine Arts, N. Y.

EDITH F. PRESTON, *Instructor in Primary Department*. Fairmount College; State Teachers College, Greeley, Col.

CHRISTENA ROSENDALE,⁶ *Instructor in History*. A. B., Kansas State Normal School; A. M., Teachers College; Columbia University.

EDNA SAWYER, *Instructor in Home Economics*. B. S., Lewis Institute, Chicago.

IRA SCOTT,⁶ *Instructor in Psychology*. B. S., Kansas State Normal School.

MABELLE M. SHELTON,¹⁰ *Instructor in Public School Music*. Columbia School of Music; National Summer School of Music, Chicago; pupil Emil Liebling; August Hyllested.

D. S. SGOGLUND, *Instructor in Commerce*. A. B., Kansas State Normal School.

BABETTA STADLER, *Instructor in Modern Languages*. A. B., Washburn College; A. M., Kansas University.

H. T. STEEPER,⁶ *Instructor in Methods*. A. B., University of Kansas; University of Chicago.

E. ANNA STONE,⁷ *Instructor in Piano*. College of Music, Cincinnati; Kansas State Normal School; pupil of Mrs. Crosby Adams, Chicago; pupil of Mrs. Carrie Louise Dunning, New York.

VERA STONE,⁶ *Instructor in Drawing*. Chicago Art Institute.

CATHERINE STROUSE, *Instructor in Public School Music*. Minnesota State Normal School, Winona; Thomas Training School, Detroit; National Summer School, Chicago.

HELEN H. TAYLOR, *Instructor in Physical Training for Women.* Sargent School of Physical Education.

GRACE TEAR, *Supervising Teacher of Literature in the Training School.* A. B., Kansas State Normal School; A. M., Columbia University.

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W. A. VANVORIS, *Instructor in Science.* A. B., Kansas State Normal School; graduate study University of Chicago.

DOROTHY VESTAL, *Instructor in Physical Training for Women.* Sargent School of Physical Education.

ADELBERT M. WALSWORTH,⁶ *Instructor in Geography.* A. B., Michigan State Normal College; graduate study University of Michigan.

IRENE A. WATSON, *Instructor in Physical Training for Women.* Sargent School for Physical Education; Chicago Normal School of Dancing.

GEORGE K. WELLS, *Instructor in Manual Training.* Stout Institute; Lewis Institute; University of Chicago.

JENNIE WILLIAMS, *Supervising Teacher of Geography in the Training School.* A. B., Kansas State Normal School; graduate study, University of Michigan; Teachers College; Columbia University.

MURIEL WILLIAMS,⁶ *Instructor in Home Economics.* A. B., Kansas State Normal School; Stout Institute.

AVICE R. WRIGHT, *Instructor in Mathematics and Supervising Teacher in the Training School.* A. B., Ed. B., University of North Dakota.

Officers of Administration.

THOMAS WALTER BUTCHER, A. B., A. M., *President.*

NORMAN TRIPLETT, Ph. D., *Acting Dean.*

MARY ALICE WHITNEY, A. B., *Acting Dean of Women.*

WILLIS H. CAROTHERS, A. B., A. M., *Principal of the Normal Training High School.*

FREDERICK J. KELLY,³ A. B., Ph. D., *Director of the Training School.*

HERBERT J. LULL,⁴ A. B., A. M., Ph. D., *Director of the Training School.*

MARY BAILEY, *Office Assistant.*

WILLIAM SHELTON BIXLER, *Registrar.* B. S., Lincoln College; Ph. M., University of Chicago; graduate study, University of Indiana; University of Pennsylvania.

- VERNE BOWLES, *Cataloguer*. A. B., Washington University; New York State Library School.
- CARL DENT, *Office Assistant*.
- MARY E. EDWARDS, *Appointment Bureau Secretary*.
- HARRIET ELCOCK, *Library Assistant*.
- KATHERINE FULLER, *Office Assistant*.
- BEATRICE HOOVER, *Office Assistant*.
- FAYE HUFFMAN, *Library Assistant*. Kansas State Normal School.
- WILLIS H. KERR, A. B., A. M., *Librarian*.
- AGNES KING, *School Department Library*. A. B., Buena Vista College; A. M., University of Iowa.
- MARY P. KIRTLAN, *Nurse*.
- GRACE M. LEAF, *Reference Librarian*. Kansas State Normal School; Simmons College, Boston; University of Wisconsin.
- LUCILE OWEN, *Record Clerk, Registrar's Office*. A. B., Kansas State Normal School.
- CORA PARKER, *Library Assistant*. A. B., Kansas State Normal School; University of Illinois.
- HARRIET PRIEST, *Secretary to the President*.
- CARL W. SALSER, *Secretary of the Alumni Association and Director of the Extension Division*. A. B., Kansas State Normal School.
- ELIZABETH GERTRUDE SCHORK, *Library Assistant*. Teachers Training School, Elmira, N. Y.; Bellevue College, Bellevue, Neb.
- MAUDE M. SHORE, *Library Assistant*. Kansas State Normal School.
- WILLIAM H. SINGULAR, *Bursar*. Kansas State Normal School.
- HELEN M. SMITH, *Secretary to the Registrar*.
- CHARLOTTE VIAL, *Young Womens' Christian Association Secretary*. Ph. B., University of Chicago.
- MRS. CORNELIA MOSS, *Custodian of the Buildings and Grounds*. A. B., Kansas State Normal School.

GENERAL INFORMATION.

HISTORICAL.

The State Normal School of Kansas was located at Emporia by act of the legislature passed in February, 1863; the legislature of 1864 provided for the appointment of a Board of Regents and the organization of the School, and the first appropriation bill, \$1000, for the salaries of teachers was approved February 29, 1864. The School opened its doors to students and began regular work in the upper room of a school building owned by the city of Emporia, February 15, 1865, with one teacher, L. B. Kellogg, and eighteen students. The first building for the use of the School erected by the state was dedicated January 2, 1867; the first graduating class, consisting of two young women, was the class of 1867. Since that time the School has graduated more than 3250 young men and women, and numbered probably 25,000 among its undergraduates students. Almost the entire number of these have engaged for a longer or shorter time in teaching in the schools of Kansas and of other states, and the influence of the School has been a positive and powerful factor in the educational life of the state during all the fifty years of its history. By the legislature of 1901 the Normal School at Hays, and by the legislature of 1903 the Normal School at Pittsburg, were established as auxiliary to the State Normal School at Emporia, and designated, respectively, "The Western Branch State Normal School" and "The Manual Training Auxiliary." By act of the legislature of 1913 the management of these schools was placed in the hands of a Board of Educational Administration. By authority of the same act, the Normal School at Hays was reorganized as the Fort Hays Normal School and the Normal School at Pittsburg as the State Manual Training Normal School.

PURPOSE.

The act organizing the School and locating it permanently at Emporia provided that its exclusive purpose should be "the instruction of persons, both male and female, in the art of teaching," and designated in general terms such branches of instruction as were then recognized as necessary for the accomplishment of that end. The School throughout its history has been conducted in the spirit of its foundation and with specific reference to its function of preparing teachers for the public schools of the state. The field of the Normal School as an essential part of the school system of the state implies a recognition of the principles that proficiency in the art of teaching is dependent upon thorough knowledge of the fundamental principles of the science of teaching, that this knowledge should be both historical and philosophical, and that clear conceptions of methods can most readily be attained by an intelligent study of them in

practical operation. The Normal Schools of the state, then, organize into one system, assume as their field specifically the professional function. The place and value of every subject in the course of study is determined by its relations to this end, the method of approach to every subject of instruction has the teaching purpose practically in view, and in every way the Normal School seeks to develop a distinctive teaching atmosphere, to foster the best expression of the teaching spirit, and to set the highest standards for teaching preparation. To fulfill its mission adequately, and to meet the legitimate demands made upon it, the Normal School recognizes that it must touch every phase of public-school life in the state, must lay the foundations of broad and thorough scholarship and professional training for every grade of school work, and must seek to be a progressive center of educational thought and a disseminator of the best teaching ideals to the schools of every community.

LOCATION.

Emporia, the home of the State Normal School, is a city of approximately 10,000 inhabitants, situated between the Neosho and Cottonwood rivers, in a beautiful and healthful location, easily accessible from all parts of the state. Its railroads are the main line and three branches of the Atchison, Topeka & Santa Fe Railway, and the Neosho branch of the Missouri, Kansas & Texas. Emporia combines ideally the characteristics of a model school town. It is a substantial business city in the center of a prosperous agricultural community. Its well-kept lawns, its commodious and comfortable homes, its public buildings, and its numerous schools and churches are external evidences of the spirit of the community; it has also long been known as one of the most attractive residence and home cities of the West. It is often designated as a city of schools and churches, and the educational and moral tone of the community is wholesome and helpful in the highest degree. Students find a cordial welcome to their church homes in the various places of worship in the city, and they have no difficulty in finding places for room and board with congenial surroundings where the moral safeguards are the very best. Many families in the city are particularly identified with the life of the School because they have been especially attracted to Emporia as a place of residence by its educational opportunities.

BUILDINGS; GROUNDS AND EQUIPMENT.

The Normal School grounds are located immediately adjacent to the city at the north end of Commercial street, the leading business street of Emporia. The original campus of twenty acres has been enlarged by successive purchases so that it now includes about thirty-five acres, including one of the most satisfactory and best equipped athletic fields in the state. The group of buildings includes:

PRESTON B. PLUMB MEMORIAL HALL.

The new administration and main recitation building is in course of construction and will be ready for use in 1917. The legislature of 1915 appropriated \$175,000 for this building. The building is T-shaped, with

the broad arm in front, facing the head of Commercial street, three hundred feet directly north of the old main building, which later will be removed. The dimensions are as follows: Main wing, 268 feet front, 82 feet side; rear wing (auditorium), 96 feet front, 113 feet deep. The materials are brick and stone, with reinforced concrete floors throughout the four stories. The building provides eighty-five class and office rooms, three rest rooms, two check rooms, and the auditorium. The auditorium is entered from the main-floor rotunda, and seats 2750 people; it is provided with ample stage and orchestra facilities.

THE MAIN BUILDING.

The central portion was built originally in 1880, but enlarged by the addition of a wing on the west in 1887, and on the east in 1895. In the east wing is the auditorium known as "Albert Taylor Hall." The entire building is devoted to the purpose of administration and instruction, is about 300 feet long, and contains 80 rooms, exclusive of closets and wardrobes. It is heated by steam, has a complete system of motor ventilation, is supplied with water, gas and electric light; in short, is fully equipped with whatever is necessary for the work of instruction.

THE KELLOGG LIBRARY.

Named in honor of Lyman Beecher Kellogg, first president of the School. It was completed in 1902; an attractive building in exterior and interior. In arrangement and equipment it is well adapted to the purposes of a modern educational library. On the first floor are the newspaper room, young people's department, library science department, an educational document room, and lecture room. On the second or main floor are the reading room, reference department, the loan desk, the stacks, the cataloguing rooms, and the librarian's office.

THE TRAINING SCHOOL BUILDING.

Completed in 1905. It is arranged especially for practice teaching, and contains accommodations for the kindergarten and the eight grades of the common schools. It has a good equipment, with playroom, manual training, kindergarten, kitchen, and ample playgrounds. It is notable for its good light and ample ventilation. Valuable and appropriate pictures are on the walls. Its equipment is being added to from year to year.

THE NORTON SCIENCE HALL.

The building was named, by authority of the Regents, "The Norton Science Hall," in honor of Henry B. Norton, first teacher of natural science in the School and associate principal under L. B. Kellogg. Modern laboratories and lecture rooms, equipped with the best scientific apparatus, are provided for the science work. The museum is rich in specimens illustrating the various lines of biological science.

GYMNASIUM AND ATHLETIC FIELD.

The gymnasium is one of the very best in the Middle West. It is in every respect modern, and is designed exclusively for the Department of Physical Education. The basement is almost entirely above

ground, allowing plenty of light and direct ventilation. It is equipped with dressing rooms, steel lockers, shower baths and a swimming pool. The first floor, which is 185 by 66 feet in size, is divided by a rolling partition into two gymnasiums. One of these rooms is fitted for basket ball, baseball and other indoor games. The second floor has an exercise room equipped with all modern gymnastic apparatus. The especially attractive feature of the building is the large basket-ball and exhibition room, which, with its visitors' gallery, provides ample room for two thousand spectators. Adjoining the gymnasium is what is conceded to be the best athletic field in the state. This field, which is thoroughly tiled and drained, is provided with a quarter-mile cinder running track with a 220-yard straight-away. It also has two football gridirons, three baseball diamonds, and nine tennis courts. Adjoining this field is a children's playground and a well-kept space for girls' athletic sports. The size and excellent equipment of the gymnasium, together with the variety of outdoor athletic possibilities and the large staff of expert teachers and coaches, prepares the Normal to more fully train teachers for the athletic and playground work required of teachers than any other school in the West.

MUSIC HALL.

Directly east of the Main Building. The building contains private studios for the instructors in instrumental and violin music, recitation rooms for classes in theory and harmony, and an office. It is well lighted by electricity, and furnishes very comfortable and convenient accommodations for the work in music.

THE EMERGENCY HOSPITAL.

Provided with equipment necessary for the care of the students who are ill. A trained nurse is in charge of the hospital. A small fee is required of all students for meeting the expenses of the nurse. The plan of caring for sick students has proved very effective. Precautionary and preventive measures have checked epidemics and conserved health.

THE POWER, HEATING AND LIGHTING PLANT.

Situated in the rear of the other buildings; is equipped with a modern battery of boilers, engine and generator, which furnishes heat and light for all the buildings, as well as electric power for the blower-fan system of ventilation.

REGISTRATION.

Registration days are indicated in the School calendar, printed on an earlier page of this catalogue. A fee of one dollar is charged for late registration, unless satisfactory reason is given for the delay.

Registration of students takes place in the Gymnasium, the east half of the second floor being given to the work of High School students and the west half of the second floor to College students. Those entering for the first time will present themselves at the office, or desk, placarded

NEW STUDENTS. Former students desiring a statement of work done be-

fore making a choice of studies should apply at the Registrar's office. All persons of High School grade will secure a registration blank from Principal Carothers, who will then assign them to a member of the High School faculty as adviser. All persons of College grade will secure a registration blank from Dean Triplett, who will then assign them to a member of the College faculty as adviser.

Students of College grade who are interested in a special line of work should ask to be assigned to the head of that department as adviser, and at successive registration times should take courses under the same adviser's direction.

The further directions printed at the top of the registration card should be read carefully and followed. Those wishing to visit classes will register and pay the usual fees.

CHANGES. The student who wishes to take any other course, or courses than those first selected must present to the Registrar, within one week after the first meeting of the class or classes to which he wishes to be transferred, the student's card on which he first indicated his choice of courses.

"Failure" will be entered on the permanent record in the case of students who have left a class after two weeks from the first meeting and who have been negligent in asking for a change in registration.

WITHDRAWAL.

The student who wishes to withdraw from School should apply to the Registrar for a note of dismissal. Honorable dismissal will not be given to any student who is not doing passing work, nor to the student who withdraws without permission. By strict attention to securing proper dismissal, students will be able to protect their records. This will be found to be of advantage whether students resume their work here or transfer to another institution, where honorable dismissal is usually a necessary part of a student's transcript of record from the school he has attended. For information concerning fees in case of withdrawal see under head of "Fees."

THE SCHOOL YEAR.

The school year is divided into two semesters of approximately eighteen weeks, and the Summer Term, equivalent to a half semester. The year opens with the Summer Term. The first semester is from September to January, inclusive, and the second semester is from February to May, inclusive. The organization of new classes April 2, some of which are for a half semester and others for a full semester, provides for those entering at that time.

EMPLOYMENT FOR STUDENTS.

Students who desire to earn all or a part of their expenses while in school may be able to secure employment of different kinds through the Y. M. C. A. and Y. W. C. A. secretaries, who are in charge of the Normal Employment Bureau.

The men students receive from fifteen to twenty-five cents per hour for the following kinds of work: Janitor service in buildings and on grounds

of the Normal, making gardens, cleaning and improving yards, caring for live stock, caring for furnaces, house cleaning, clerking, etc.

Women students receive from fifteen to twenty cents per hour for the following kinds of service: General housework, care of children, sewing, clerking, ironing, etc.

Full board or board and room for both men and women can often be secured in return for steward service at student boarding clubs, waiting tables, washing dishes, cleaning, etc., or for the equivalent of from three to four hours work per day in private families.

Requests for help should be made as far in advance of the opening of school as possible. In case the demand for employment exceeds the supply, the names of applicants desiring work will be filed and the names will be recommended for vacancies as they occur.

FEES.

All fees are payable in advance and will not be refunded except in the case of withdrawal of the student within one week after the opening of the semester. See under "Special Laboratory Fees."

LATE REGISTRATION. A considerable amount of extra work and a great deal of confusion is caused by the neglect of students to enroll at the time set for that purpose, and a fee of one dollar will be charged those who enroll out of time, unless they present a good excuse for their delay.

GENERAL LABORATORY. Each student will pay a fee of two dollars per semester and one dollar for the Summer Term for general materials and reagents used in class work and for the wear and tear on the equipment in the laboratories, libraries, gymnasiums, etc.

SPECIAL LABORATORY. Students taking work in the sciences, manual training, home economics and other courses where laboratory work is required pay for the materials used. In case of withdrawal of students the unused portion of this fee will be refunded, the head of the department determining the amount due the student.

HOSPITAL. Each school year, or fraction thereof, all students in College and High School work pay one dollar per year, to be used as a fund for the care of the sick.

CORRESPONDENCE WORK. Students taking work by correspondence pay fees indicated in special correspondence circular.

NONRESIDENT FEES.—Nonresidents will pay in addition to other fees, a fee of \$25 per year, payable in advance as follows: \$10 per semester of 18 weeks; \$5 per summer term of 8 weeks.

EXPRESSION. Private instruction, eighteen lessons, fifteen dollars.

COMMERCIAL STUDENTS. Students who take only the commercial subjects are classified as irregular, and are held for the payment of irregular fees.

LIBRARY SCIENCE STUDENTS. Students who take only library science subjects are classified as irregular, and are held for the payment of irregular fees. These are indicated under that head.

MUSIC. For fees in music, see department statement in Outlines of Instruction.

TYPEWRITER. Students taking typewriting pay a special fee for the use of the machine.

EXAMINATION. Students taking special final examination pay a fee of one dollar for each examination taken. Students regularly registered pay the examination fee of one dollar for the privilege of taking the county examination under the supervision of the State Normal School.

IRREGULAR STUDENTS.

The student is irregular who takes courses more than one semester in advance of his classification or who takes more than one course in any department, except as it can be shown that such choice of courses is conforming to the required course of study. Students who are irregular in either of these ways pay fees as indicated below. This regulation will not be construed so as to deny any person who is, for example, a Junior College student from taking any course classified as Junior College, provided he has done the work of prerequisite courses.

IRREGULAR FEES. Irregular in one subject one semester, \$4.

HOSPITAL FUND.

This fund is provided by the fee of one dollar per year paid by all students in the College and High School courses. It is used to pay salary of the head nurse, for such emergency hospital supplies as are necessary, and for unavoidable expenses required for proper care of the sick. The hospital fund has met with generous approval and has contributed to better general health and to the comfort of the students.

The hospital fund is administered subject to the following rules:

1. That the responsibility of the nurse extends to the advising of students in cases of mild illness and to the care of more serious cases until other arrangements can be made.
2. That the building be called the "Normal Emergency Hospital," and the fund be designated "Emergency Hospital Fund."
3. That students will be taken from their rooms to the hospital only in cases of emergency.
4. That patients be cared for in the Emergency Hospital no longer than the time necessary to communicate with their parents or friends and arrangements can be made for their safe removal.
5. That patients cared for in the hospital pay day charges at the rate of seventy-five cents a day. This will cover food and simple remedies, but includes neither doctor's fees nor prescriptions.
6. That patients in the Emergency Hospital may call the physician they prefer, and will then be under his care and that of the resident nurse until removed.
7. That cases of contagious diseases be not taken into the Emergency Hospital.
8. That a housekeeper be employed at the Emergency Hospital to care for the house and to furnish meals.
9. That the nurse may have certain hours within which she will make calls.

BOARD AND ROOMS.

Many students are paying as low as \$3 for board in private families, while a very few pay as high as \$4 a week.

Board in clubs costs from \$2.75 to \$3.50 per week. Those who board themselves reduce the cost about one-half. A careful comparison with the cost of living at other schools in the state shows that students demanding the same kind of accommodations live with as little expense here as at any of them. Every effort is made to reduce expenses to the minimum.

Rooms, unfurnished, \$3 to \$5 per month; furnished, \$5 to \$10 per month, for two students in room, according to size and conveniences.

It is not necessary for students to engage rooms before they come. It is always more satisfactory for them to see what they are engaging before they make definite arrangement.

There is a committee of the Faculty which inspects and investigates all conditions affecting boarding and rooming places. Places which they recommend are then placed on an approved list. Men and women are not permitted to room in the same house, and householders, as well as students, are held responsible for the carrying out of the regulation. The approved list of rooms for women can be consulted at the office of the secretary of the Young Women's Christian Association, room 29, Main Building, and that for men at the office of the Young Men's Christian Association, room 28, Main Building. In houses where women students are rooming, suitable arrangements for the use of a parlor for the reception of guests are required by the committee in charge.

We strongly recommend that all women get their rooms through the office of the Young Women's Christian Association. Experience proves this to be the most satisfactory way.

EXAMINATIONS.

There is no institution regulation requiring a final examination. However, any instructor may as a part of the regular work of a course require that students take a final examination.

The privilege of taking examinations may be given to students returning to school after an absence during the first semester succeeding their return, after consultation with, and the consent of, the committee of advanced standing, upon the presentation of the Bursar's receipt for the fee required.

New students may establish credit by examination within the first semester of residence. Those of High School rank will make application to the Principal of the Normal Training School; those of college grade to the committee of advanced standing. The fee for each examination is one dollar.

COUNTY EXAMINATIONS.

Regularly registered students of the State Normal School, upon the payment of the usual examination fee of one dollar for each examination, may take the examination for county certificates, to be conducted

under the supervision of the State Normal School. The papers in such examination will be sent to any county designated by the applicant, there to be examined by the county board of examiners, who will issue certificates to the successful applicants under the same conditions as if the examination had been conducted under their supervision.

The dates of the county teachers' examinations are: June 23, 24, June 30, July 1, July 28, 29, October 22, 28, January 26, 27.

CERTIFICATES AND DIPLOMAS.

(For specific requirements, see index for following subjects.)

REGULAR CERTIFICATES AND DIPLOMAS.

One-year State Certificate.
Normal Training High School Diploma.
Three-year State Certificate.
Life Certificate.
Bachelor of Science in Education.

SPECIAL CERTIFICATES.

Certificate for Special proficiency in Kindergarten Teaching.
Certificate for Special Proficiency in Primary Teaching.
Certificate for Special Proficiency in Intermediate and Grammar Grade Teaching.
Certificate for Special Proficiency in Junior High School and Departmental Teaching.
Certificate for Special Proficiency in Rural School Teaching.

SPECIAL CERTIFICATES FOR TEACHING IN HIGH SCHOOLS.

Agriculture.
Commerce.
Drawing.
Home Economics.
Manual Training.
Music.
Physical Training.

OTHER SPECIAL CERTIFICATES.

Music Certificate.
Music Diploma.
Teacher's Certificate in Public School Music.
Supervisor's Certificate in Public School Music.
Music Supervisor's Diploma.
Library Science Certificate.

STUDENTS' LOAN FUND.

The class of 1899 made a gift of \$111.60 to be used as a fund for aiding students. The fund was put in the care of a board of trust composed of the president, vice president, and the head of the Department of Physics and Chemistry. Students who are within one year of graduation have preference in securing loans. When their needs have been met other students may secure loans in order of seniority. The plan proved to be satisfactory, and several other classes have added to the fund. Following is a statement of the fund to date, March 1, 1916:

GIFT BY CLASSES.

Class of 1899	\$111.60
Class of 1900	107.56
Class of 1901	141.65
Class of 1905	27.00
Class of 1908	235.00
Class of 1909	168.28
Class of 1910	197.90
Class of 1911	107.16
Class of 1912	79.50
Class of 1913	51.55
Class of 1914	75.00
Class of 1915	87.01
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Total gifts to date	\$1389.21
Present worth of fund, March 1, 1915	\$1900.77
Interest, March 1, 1915, to March 1, 1916	114.12
Gift, Class of 1915	84.07
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Present worth of fund, March 1, 1916....	\$2098.96

The making of loans is in the hands of the committee above mentioned, of which Prof. James W. Mayberry is treasurer. Students interested should inquire of him.

BIBLE STUDY WORK.

Credit is given for Bible study. The Bible as literature, courses dealing with the pedagogy of Bible study, and courses in Bible history may be submitted for credit. Students of High School and College grade are eligible for credit. The semester hour is the measure of credit for such courses. The maximum credit in one school year is one semester hour, and the maximum credit which may be allowed a person is three semester hours. Thus far, only persons who are registered as Normal School students have been given credit for work done. It is required that students who wish credit should register for approved courses in making up their semester programs. All courses for which credit is desired must be submitted to the Bible Study Committee by September 1. Full information must be given concerning the lines of work to be offered, the time to be given each Sunday, or other time of meeting of the class, the ages of the students, and the qualifications of the teacher. The committee reserves the right to give examinations, or to examine reports, papers, etc., required of students as a part of the work done. Persons wishing further information should write the Registrar.

THE TRAINING SCHOOL.

The Training School offers a complete elementary course, including a two-year kindergarten course. In addition to the so-called common branches, emphasis is laid upon German, physical training, cooking, sewing, manual training, drawing, and music. The departmental plan of supervision is used above the third grade for geography, literature and arithmetic, thus affording excellent facilities for preparing teachers for junior high schools. A fee of \$2 per half-year in the kindergarten and

primary grades, and of \$3 per half-year in grades above the primary, is payable at the time of entrance. For attendance during the Summer Session a fee of \$1 is charged, but is refunded to all children who continue in attendance for the entire Summer Term.

The aim of the School is threefold: (1) It strives to exemplify, in its organization, its discipline, its curriculum, and its methods of teaching, those principles of education for which the State Normal School stands. (2) It provides an opportunity for prospective teachers to observe these principles thus exemplified, and to carry out in practice the theories which they have learned in courses in education. (3) It seeks to establish the truth or falsity of proposed theories of education by controlled experiments in the application of the theories in question.

To meet the above aim, the School maintains great flexibility in its courses of study. A few general principles which guide in the selection of subject matter and in the choice of methods may be given.

(1) Health is fundamental to normal mental development, and therefore our first consideration is the physical welfare of the children. Physical examination, with the resulting corrective gymnastics and recommendations to parents, supplements the regular physical-training exercises taken by the children.

(2) The development of individuality and self-control is of more value than the acquisition of any fund of information. Therefore, we have a minimum of uniformity of class exercise and a maximum of attention to individual differences. A large measure of responsibility for both selecting the significant elements in the lessons and organizing them into proper form for future use is placed upon the children as early as possible. Much responsibility for self-control is also placed early upon the children. The school is as much a natural social group as possible, the success of the undertakings of which depend upon the successful coöperation of the children.

(3) A genuine interest in whatever is called for in the school must be felt by each child if he is to develop strength by assimilating it. While the work of the school must result in a mastery of the tools of learning, such as reading, writing, and numbers, these tools should be mastered by use in connection with real problems which are in themselves worth mastering. The necessary drill should be largely obtained in situations which the children or the teacher build up requiring the use of the tool subjects. These situations include games, storekeeping, story-reading, written requests, invitations, etc.

A tentative outline of courses of study, designed to accomplish the above aim, is being worked out in connection with actual school activities.

LECTURES AND ENTERTAINMENTS.

A lecture course of five or six numbers has for years been maintained under the general direction of a committee of the Faculty. These courses include from time to time the very best available talent on the American platform for concerts, readings and addresses, selected with special reference to the educational, artistic and inspirational value of their work. In addition to the regular lecture course, provision is made for addresses from time to time from men and women of note in all lines of intellectual

activity on educational and other themes, and the presentation from the platform of the best in the various forms of artistic expression. The broadening of outlook, the stimulus to thought, and the growth of appreciation as to fine arts and its best form of expression, make the frequent opportunities that are given to hear men and women of reputation in various lines of achievement one of the most helpful features of school life. The following appeared during the past year:

FIFTY-FIRST COMMENCEMENT SPEAKERS.

Rev. Lincoln A. Ferris, First M. E. Church, Baltimore, baccalaureate sermon.

Judge Lyman Beecher Kellogg, Emporia, commencement address.

SUMMER SCHOOL SPEAKERS, 1915.

President Henry Suzzallo, University of Washington: "Social Aspects of Education."

Dr. Henry H. Goddard, Vineland, N. J.: "Delinquents, Retardation and Intelligence Tests."

Dean W. A. Jessup, University of Iowa: "Economy of Time in Education."

Dr. Henry S. Curtis: "Playgrounds; Their Place in Education."

Miss Flora J. Cook, Francis W. Parker School: "Primary Education."

Principal I. M. Allen, Wichita: "School Education."

Superintendent F. L. Pinet, Parsons: "School Administration."

Principal H. T. Steeper, Leavenworth: "School Administration."

Superintendent A. A. Hughart, Coffeyville: "School Administration."

Superintendent J. B. Heffelfinger, Arkansas City: "School Administration."

Superintendent J. O. Hall, Hutchinson: "School Administration."

Superintendent A. I. Decker, Fredonia: "School Administration."

SUMMER SCHOOL ENTERTAINMENTS, 1915.

The Coburn Players: "The Yellow Jacket," "Macbeth," and "The Imaginary Sick Man."

ENTERTAINMENT COURSE.

Mr. Frank Speaight, October 15, 1915, Dickens impersonator.

Mr. Cecil Fanning, November, baritone.

Miss Anna Case, December 1, soprano.

Mrs. Isabelle G. Beecher, January 14, dramatic reader.

Mr. Boardman Robinson, February 26, lecturer.

Zoellner String Quartet, March 9.

SUMMER SCHOOL.

The courses given in the Summer School cover the work of the various departments. Credit earned then applies to the requirements the same as does credit earned at other times of the year. The courses given and the credit of each are indicated in the beginning of each course description. The library, laboratories and gymnasium are open for the use of students. In addition to regular courses, there will be many special features of interest to teachers—review courses, the work of the Training School and special lectures for which credit is given. The

speakers and subjects for the coming Summer School are here indicated. Each will continue through one week.

SUMMER SCHOOL SPEAKERS, 1916.

Dr. Edward Aylsworth Ross, Professor of Sociology, University of Wisconsin: "Social Conditions."

Dr. Peter Dykema, Professor of Public School Music, University of Wisconsin: "Public School Music and Community Music, Pageant, and Drama."

Dr. Otis W. Caldwell, University of Chicago: "Elementary Science."

Dr. Eugene Davenport, Dean of the College of Agriculture, University of Illinois: "Country Life Conditions and Education."

Dr. Wallace W. Atwood, Professor of Geography, Harvard University: "Geography."

Superintendent J. M. Gwinn, New Orleans: "School Administration."

Superintendent H. B. Wilson, Topeka, "School Administration."

ENTERTAINMENTS, SUMMER SCHOOL, 1916.

The Ben Greet Woodland Players will give three performances. Moving pictures will be shown. Dramatic entertainments, songfests, playground games, athletic contests and baseball games will be scheduled.

BUREAU OF EDUCATIONAL MEASUREMENTS AND STANDARDS.

This bureau was established by the Board of Educational Administration for the purpose of assisting superintendents and teachers in applying measurements and standards in the public schools of the state. In fulfilling this function a large quantity of valuable data accumulates in the office of the bureau. These data are available to students for the study of educational problems.

EXTENSION DIVISION.

All phases of extension work done by the Kansas State Normal are centralized in the Extension Division. The Division consists of the following departments:

APPOINTMENT BUREAU.

This Bureau is managed jointly by the institution and the Alumni Association through a board of seven members. The registration in the Bureau is sixteen hundred, and from this number candidates for every line of school work can be selected. Those enrolled are carefully catalogued and classified, so that recommendations may be quickly made. Information concerning candidates is in every case to be returned to the Bureau. The Appointment Bureau insures more certain placing of teachers at graduation and more rapid advancement of those in the field. It provides a systematic method for getting school boards and teachers together. It keeps on file complete and accurate reports as to the success of its teachers. It sends out teachers almost every week in the year.

CORRESPONDENCE STUDY.

The State Normal School is doing a constantly increasing amount of work in correspondence study. Work by correspondence is offered in practically every department of instruction. A definite but reasonable

fee per hour or unit is required. This work is all outlined in a special catalogue, which may be had for the asking. This department enables students to make progress whether they can attend school or not.

Any amount of high-school work may be done by correspondence. Not more than one-half the credit required for any certificate, or for the B. S. degree, may be accumulated by correspondence. This in no way operates to reduce residence requirements stated elsewhere.

In conjunction with the work in correspondence study provision is made for the organization of study groups, to be conducted by members of the Faculty or by approved superintendents or principals. A number of such groups have been organized over the state. Those who complete satisfactorily the work in these groups are given credit which counts toward graduation just the same as work done here in residence. Several such groups are at work this year.

EXTENSION LECTURES.

This department offers lectures and entertainments to the communities of Kansas. Every activity of the School is represented in the extension pamphlet issued by this department. Teachers' associations, parents' meetings, social centers, men's clubs, women's clubs and other organizations can select to advantage from the list of lectures and entertainments offered.

In coöperation with the Library, this department takes care of inquiries as to library helps, book lists, etc. It offers the advice of Faculty members in regard to building and equipment of school plants, methods of instruction, etc. Special effort is made to answer fully every inquiry that is received.

This department also provides a Victrola, with records and lectures on music appreciation, motion pictures, microscope slides, lantern slides, drawing exhibit, etc.

RURAL SCHOOL BUREAU.

The Rural School Bureau is a new department added this year to the Extension Division. The bureau is in charge of a board of eight members, each of whom is intimately acquainted with some phase of the work in rural schools. Its chairman is the professor of rural school administration. The board makes plans in the interests of rural schools and the clerical force of the division sees that they are carried out. Special helps of various kinds are being furnished to rural schools, and through coöperation with county superintendents and several hundred rural teachers plans for bettering the programs and teaching of various subjects are being tried out. This bureau promises to become one of the strongest departments of the division.

PUBLICITY.

The dissemination of all news of the school and all publications, such as its magazine, *Teaching*, and the various special bulletins is provided by the Publicity Department, under the general direction of the Publicity Committee of the Faculty.

ALUMNI ORGANIZATIONS.

The Alumni Department takes care of all alumni meetings and records, publishes an alumni catalogue from time to time, manages the property of the association, and serves as general alumni headquarters every day in the year.

Inquiries concerning any of these phases of extension work should be addressed to Extension Division, Kansas State Normal, Emporia, Kan.

THE LIBRARY.

The Kellogg Library Building is described on another page, in connection with "Buildings and Grounds."

The library has 40,000 classified and catalogued volumes, more than 5000 bound and catalogued pamphlets, and thousands of unbound classified pamphlets; all material in the library is available, either through classification and filing or through the catalogue. The annual accessions average 3000 volumes. More than 300 periodicals of educational and general interest are received and preserved. Kansas newspapers to the number of 356 are received regularly and are available to students. The library is open for use 75 hours each week; the average hourly attendance of readers is more than 100. The staff consists of nine trained library workers.

Some special features of the library are:

REFERENCE DEPARTMENT. An unusually strong equipment of up-to-date book tools—keys to all other books. In vertical file, instantly available by topic, are thousands of newspapers and magazine clippings, affording material not elsewhere available. Also in vertical file are reading and reference lists on several thousand topics, suggesting best sources of information. Government documents and pamphlets are systematically filed, indexed, and available. Educational documents, state and city reports and courses of study are received from all parts of the country, listed and classified. The files of bound periodicals in the mezzanine stack, adjoining the reference room, are unusually comprehensive.

SCHOOL DEPARTMENT. This is a model public-school library in selection, equipment, and atmosphere. It occupies two rooms on the first floor of Kellogg Library. It has its own librarian and assistant, its own catalogue, and more than three thousand recommended books. Its collection of several thousand mounted pictures, filed by topics in vertical file, its post-card collection and its lantern-slide collection are in constant use. Its facilities are eagerly used by pupils of the Training School, practice and supervising teachers, and visiting teachers and parents.

EXTENSION SERVICE. The library began its extension service in January, 1913. Books, pamphlets, and clippings are sent through the mails to responsible parties, at their expense both ways, for school debates, orations, and essays; for papers and addresses by teachers and school officers; for papers by club women; and for correspondence-study courses conducted by the School. This department also answers many questions on library organization, issues two series of library information circulars ("Kansas Library Newsletter," and "Library Extension Circular"); and the librarian and assistants make addresses or visit libraries for advisory purposes.

KANSAS NEWSPAPERS.

The following Kansas newspapers are received regularly by the library of Kansas State Normal School. The list is revised to January, 1916:

- | | |
|---|-------------------------------------|
| Abilene, Daily Chronicle. | Dodge City, Globe. |
| Abilene, Weekly Reflector. | Dorrance, Star. |
| Admire, Northern Star. | Downs, News. |
| Alden, Journal. | Downs, Times. |
| Allen, Northern Lyon County Journal. | Dunlap, Rustler. |
| Alma, Enterprise. | Dwight, Signal. |
| Alma, Signal. | El Dorado, Republican. |
| Alta Vista, Journal. | El Dorado, Walnut Valley Times. |
| Americus, Greeting. | Elk City, Sun. |
| Arcadia, Sunlight. | Ellis, Review-Headlight. |
| Arkansas City, Daily News. | Ellsworth, Reporter. |
| Arlington, Enterprise. | Emporia, Gazette (daily). |
| Ashland, Clipper. | Emporia, Times. |
| Atechison, Champion. | Englewood, Enterprise. |
| Atchison, Daily Globe. | Enterprise, Push. |
| Atlanta, Journal. | Erie, Record. |
| Atwood, Citizen-Patriot. | Erie, Sentinel (daily). |
| Augusta, Daily Gazette. | Esbon, Times. |
| Axtell, Standard. | Eskridge, Tribune Star. |
| Baldwin City, Ledger. | Eudora, Weekly News. |
| Barnard, Bee. | Eureka, Democratic Messenger. |
| Barnes, Chief. | Eureka, Herald. |
| Baxter Springs, News. | Fairview, Enterprise. |
| Belle Plaine, News. | Florence, Bulletin. |
| Belleville, Telescope. | Fort Scott, Republican (daily). |
| Beloit, Daily Call. | Fort Scott, Republican (weekly). |
| Belpre, Argosy. | Fredonia, Wilson County Citizen. |
| Belpre, Bulletin. | Garden City, Herald. |
| Bern, Gazette. | Galena, Weekly Republican. |
| Bison, Bee. | Garden City, Telegram. |
| Blue Mound, Sun. | Garden Plain, News. |
| Bonner Springs, Chiertain. | Gardner, Gazette. |
| Bucklin, Banner. | Garfield, Booster. |
| Buffalo, Advocate. | Garnett, Evening Review. |
| Bunker Hill, Advertiser. | Gas, Tri-City Herald. |
| Burlingame, Enterprise. | Girard, Appeal to Reason. |
| Burlingame, Osage County Chronicle. | Girard, Press. |
| Burlington, Republican. | Glasco, Sun. |
| Burns, Citizen. | Goodland, Republic. |
| Burr Oak, Herald. | Goodland, Sherman County Record. |
| Caldwell, Advance. | Gove City, Republican-Gazette. |
| Caldwell, News. | Great Bend, Barton County Democrat. |
| Caney, News. | Great Bend, Tribune. |
| Cabondale, Post. | Greenleaf, Sentinel. |
| Cawker City, Ledger. | Greensburg, Kiowa County Signal. |
| Cawker City, Public Record. | Greensburg, Progressive. |
| Cedar Point, Cottonwood Valley News. | Grenola, Leader. |
| Cedar Vale, County Liner and Cedar Vale Commercial. | Gridley, Light. |
| Chanute, Tribune (Daily). | Gypsum, Advocate. |
| Chapman, Advertiser. | Hamilton, Grit. |
| Cheney, Sentinel. | Hamlin, Reporter. |
| Cherryvale, Daily Republican. | Hanover, Democrat and Enterprise. |
| Chetopa, Advance. | Hanover, Herald. |
| Chetopa, Clipper. | Hardtner, Press. |
| Cimarron, Jacksonian. | Harper, Advocate. |
| Clay Center, Dispatch. | Harper, Sentinel. |
| Clay Center, Times. | Hartford, Neosho Valley Times. |
| Clifton, News. | Havensville, Review. |
| Clyde, Republican. | Haviland, Onlooker. |
| Coates, Courant. | Hays, Ellis County News. |
| Coffeyville, Daily Journal. | Hays, Free Press. |
| Colby, Free Press. | Herington, Sun. |
| Colby, Tribune. | Herington, Times. |
| Coldwater, Talisman. | Herndon, Nonpareil. |
| Colony, Free Press. | Hiawatha, Brown County World. |
| Columbus, Daily Advocate. | Hiawatha, Kansas Democrat. |
| Columbus, Modern Light. | Hill City, Republican. |
| Concordia, Daily Blade. | Hill City, Revelle-New Era. |
| Concordia, Kansan. | Hillsboro, Vorwarts. |
| Conway Springs, Star. | Holton, Recorder. |
| Cottonwood Falls, Chase County Leader. | Holton, Signal. |
| Council Grove, Guard. | Holyrood, Banner. |
| Council Grove, Republican. | Horton, Headlight-Commercial. |
| Courtland, Register. | Howard, Courant. |
| Delphos, Republican. | Howard, Elk County Citizen. |
| Dexter, Observer. | Hugoton, Hermes. |
| Dighton, Journal-Herald. | Humboldt, Union. |
| Dighton, News. | Hutchinson, Daily Gazette. |
| | Hutchinson, News. |

- Independence, Daily Reporter.
 Independence, South Kansas Tribune.
 Inman, Review.
 Iola, Allen County Journal.
 Iola, Daily Register.
 Jennings, Gazette.
 Jetmore, Republican.
 Jamestown, Kansas Optimist.
 Junction City, Republic.
 Junction City, Sentinel.
 Junction City, Union.
 Kansas City (Kan.) Gazette Globe.
 Kansas City (Kan.) Press.
 Kansas City (Kan.) Republic.
 Kansas City (Kan.) Stock Yards Nugget.
 Kincaid, Dispatch.
 Kingman, Journal.
 Kingman, Leader-Courier.
 Kinsley, Graphic.
 Kiowa, News-Review.
 Kirwin, Kansan.
 La Crosse, Chieftain.
 La Crosse, Republican.
 La Cygne, Journal-Record.
 La Harpe, Enterprise.
 Langdon, Leader.
 Lansing, News.
 Larned, Chronoscope.
 Larned, Tiller and Toiler.
 Lawrence, Daily Journal-World.
 Lawrence, Democrat.
 Lawrence, University Daily Kansan.
 Leavenworth, Post.
 Leavenworth, Times.
 Lebanon, Times.
 Lebo, Enterprise.
 Lebo, Star.
 Lecompton, Sun.
 Liberal, News.
 Lincoln, Republican.
 Lincoln, Sentinel.
 Lindsborg, News.
 Linn, Digest.
 Little River, Monitor.
 Long Island, New Leaf.
 Longford, Leader.
 Longton, Gleaner.
 Lovewell, Index.
 Lucas, Independent.
 Luray, Herald.
 Lyons, Republican.
 Lyons, Rice County Democrat.
 McCune, Herald.
 McPherson, Democrat-Opinion.
 McPherson, Republican (weekly).
 Madison, Mirror.
 Manhattan, Kansas State Collegian.
 Manhattan, Nationalist.
 Mankato, Jewell County Monitor.
 Marion, Record.
 Marion, Review.
 Marquette, Tribune.
 Marysville, Advocate-Democrat.
 Marysville, Marshall County News.
 Meade, Globe.
 Meade, Meade County News.
 Medicine Lodge, Barber County Index.
 Medicine Lodge, Cresset.
 Melvern, Review.
 Meriden, Ledger.
 Milan, News.
 Miltonvale, Record.
 Minneapolis, Better Way.
 Minneapolis, Messenger.
 Moline, Advance.
 Moran, Herald.
 Morganville, Tribune.
 Mound City, Linn County Democrat.
 Mound City, Linn County Republic.
 Mound Valley, Journal.
 Mulvane, News.
 Narka, News.
 Neodesha, Daily Sun.
 Neodesha, Register.
 Neosho Falls, Post.
 Ness City, Ness County Echo.
 Ness City, Ness County News.
 New Ulysses, Grant County Republican.
 Newton, Evening Kansan-Republican.
 Newton, Herold (Der).
 Newton, Journal.
 Norcat, Dispatch.
 Norton, Champion.
 Norton, Courier.
 Norton, Norton County News.
 Norwich, Herald.
 Oakley, Graphic.
 Olathe, Mirror.
 Olathe, Register.
 Olpe, Optimist.
 Onaga, Herald.
 Osage City, Free-Press.
 Osage City, Public Opinion.
 Osborne, Osborne County Farmer.
 Oskaloosa, Independent.
 Oswego, Democrat.
 Oswego, Independent.
 Otis, Reporter.
 Ottawa, Evening Journal.
 Ottawa, Guardian.
 Overbrook, Citizen.
 Palmer, Index.
 Paola, Miami Republican.
 Paola, Western Spirit.
 Parker, Message.
 Parsons, Daily Sun.
 Peabody, Gazette-Herald.
 Peru, Sun.
 Phillipsburg, Phillips County Post.
 Pittsburg, Kansan.
 Pleasanton, Herald.
 Pleasanton, Observer-Enterprise.
 Pratt, Union.
 Quinter, Gove County Advocate.
 Randall, News.
 Randolph, Enterprise.
 Reading, Herald.
 Republic City, News.
 Riley, Regent.
 Robinson, Index.
 Rush Center, Breeze.
 Russell, Record.
 Russell, Reformer.
 Sabetha, Star.
 St. George, News.
 St. John, Weekly News.
 Salina, Daily Union.
 Salina, Farmers' Union.
 Salina, Semi-Weekly Journal.
 Scammon, Minor.
 Scott City, News Chronicle.
 Scranton, Gazette.
 Sedgwick, Pantagraph.
 Seneca, Tribune.
 Severy, Severyite.
 Sharon Springs, Western Times.
 Simpson, News.
 Smith Centre, Smith County Journal.
 Spearville, News.
 Stafford, Courier.
 Sterling, Bulletin.
 Stockton, Review.
 Stockton, Rooks County Record.
 Strong, News-Courant.
 Sublette, Haskell County Clipper.
 Sylvia, Sun.
 Syracuse, Journal.
 Topeka (North), Shawnee Chief.
 Topeka, Capital (daily).
 Topeka, State Journal (daily).
 Topeka, Weekly X-Rays Democrat.
 Toronto, Republican.
 Tribune, Greeley County Republican.
 Troy, Weekly Kansas Chief.
 Turon, Weekly Press.
 Valley Center, Index.
 Valley Falls, Farmers' Vindicator.
 Valley Falls, New Era.

Vermilion, Times.
 Wa Keeney, Trego County Reporter.
 Walnut, Advance.
 Walnut, Eagle.
 Walton, Reporter.
 Washington, Republican-Register.
 Waterville, Telegraph.
 Wathena, Republican.
 Wathena, Times.
 Weir, Weir City Journal.
 Wellington, Journal.
 Wellington, People's Voice.
 Wellsville, Globe.
 West Mineral, Mineral Cities Times.
 Westmoreland, Recorder.

Westmoreland, Signal.
 Westphalia, Times.
 White Cloud, Globe.
 Wichita, Beacon (daily).
 Wichita, Daily Eagle.
 Wilson, World.
 Winona, Logan County News.
 Woodston, Argus.
 Yates Center, News.
 Yates Center, Woodson County Journal.
 Kansas City (Mo.), Journal.
 Kansas City (Mo.), Star and Times.
 Muskogee (Okla.), Daily Phoenix.
 Pawnee (Okla.), Times-Democrat.
 Total, 356.

KANSAS HIGH SCHOOLS ACCREDITED BY THE STATE BOARD OF EDUCATION.

ACCREDITED—CLASS A.

Abilene.
 Alma.
 Anthony.
 Argentine.
 Arkansas City.
 Ashland.
 Atchison County.
 (Effingham.)
 Atchison.
 Augusta.
 Belleville.
 Beloit.
 Burlington
 Caney.
 Chanute.
 Chase County.
 (Cottonwood Falls.)
 Cherokee County.
 (Columbus.)
 Cherryvale.
 Clay County.
 (Clay Center.)
 Coffeyville.
 Concordia.
 Council Grove.
 Crawford County.
 (Cherokee.)
 Decatur County.
 (Oberlin.)

Dickinson County.
 (Chapman.)
 Dodge City.
 El Dorado.
 Ellsworth.
 Emporia.
 Eskridge.
 Eureka.
 Fort Scott.
 Frankfort.
 Fredonia.
 Galena.
 Garden City.
 Garnett.
 Girard.
 Great Bend.
 Hays.
 Herington.
 Hiawatha.
 Hoisington.
 Holton.
 Horton.
 Humboldt.
 Hutchinson.
 Iola.
 Jewell City.
 Junction City.
 Kansas City.
 Kingman.

Kinsley.
 Kiowa County.
 (Greensburg.)
 Labette County.
 (Altamont.)
 Larned.
 Lawrence.
 Leavenworth.
 Lincoln.
 Lindsborg.
 Lyons.
 Manhattan.
 Mankato.
 Marion.
 Marysville.
 McPherson.
 Minneapolis.
 Montgomery County.
 (Independence.)
 Neodesha.
 Newton.
 Norton County.
 (Norton.)
 Olathe.
 Osborne.
 Ottawa.
 Paola.
 Parsons.
 Peabody.

Pittsburg.
 Pratt.
 Reno County.
 (Nickerson.)
 Rosedale.
 Russell.
 Sabetha.
 Salina.
 Seneca.
 Sherman County.
 (Goodland.)
 Smith Center.
 Stafford.
 Sterling.
 St. John.
 Sumner County.
 (Wellington.)
 Sumner High School.
 (Kansas City.)
 Sumner County.
 (Colby.)
 Topeka.
 Trego County.
 (WaKeeney.)
 Valley Falls.
 Washington.
 Wichita.
 Winfield.
 Yates Center.

ACCREDITED—CLASS B, RANK I.

Alden.
 Almena.
 Alta Vista.
 Altoona.
 Attica.
 Axtell.
 Baldwin.
 Belle Plaine.
 Blue Rapids.
 Bonner Springs.
 Bucklin.
 Burlingame.
 Caldwell.
 Canton.
 Cawker City.
 Cedar Vale.
 Centralia.
 Cimarron.
 Clearwater.
 Clifton.

Coldwater.
 Dixon Township.
 (Argonia.)
 Douglass.
 Downs.
 Ellinwood.
 Ellis.
 Erie.
 Fairview.
 Florence.
 Formoso.
 Fowler.
 Frontenac.
 Gas.
 Halstead.
 Harper.
 Hartford.
 Highland.
 Howard.
 Kincaid.

Lakin.
 Liberal.
 Lyndon.
 Macksville.
 McLouth.
 Meade.
 Medicine Lodge.
 Moline.
 Ness City.
 Oakley.
 Onaga.
 Osage City.
 Osawatimie.
 Oskaloosa.
 Phillipsburg.
 Plainville.
 Pleasanton.
 Rawlins County.
 (Atwood.)
 Reading.

Robinson.
 Rose Hill.
 Rossville.
 Sedan.
 Sedgwick.
 Solomon.
 Stockton.
 Tonganoxie.
 Troy.
 Wamego.
 Waterville.
 Wathena.
 Wellsville.
 Wetmore.
 White Cloud.
 White Water.
 Williamsburg.
 Wilson.
 (Ellsworth County.)

ACCREDITED—CLASS B, RANK II.

Alton.	Elwood.	Leon.	Pomona.
Atlanta.	Englewood.	LeRoy.	Protection.
Basehor.	Everest.	Lewis.	Randolph.
Belpre.	Geneseo.	Linwood.	Scott County.
Beverly.	Glasco.	Little River.	(Scott.)
Bronson.	Glen Elder.	Logan.	Severance.
Brookville.	Goddard.	Lucas.	Severy.
Buffalo.	Greeley County.	Luray.	Sharon.
Burden.	(Tribune.)	Madison.	Sharon Springs.
Burns.	Greenleaf.	Marquette.	Sheridan County.
Burr Oak.	Gypsum.	Melvern.	(Hoxie.)
Burrtown.	Hamilton.	Meriden.	Soldier.
Carbondale.	Hanover.	Moran.	Spearsville.
Chase.	Harveyville.	Morrill.	Spivey.
Cheney.	Hazleton.	Mound City.	Spring Hill.
Cheyenne County.	Hill City.	Moundridge.	Spring Township.
(St. Francis.)	Hillsboro.	Mount Hope.	(Anthony.)
Circleville.	Jetmore.	Mulberry.	St. Marys.
Clafin.	Kiowa.	Mulvane.	Syracuse.
Clyde.	La Crosse.	Natoma.	Toronto.
Colony.	La Cygne.	Neosho Falls.	Towanda.
Conway Springs.	La Harpe.	Nortonville.	Udall.
Cunningham.	Lane County.	Norwich.	Valley Center.
Delphos.	(Dighton.)	Oswego.	Westmoreland.
Derby.	Lansing.	Overbrook.	White City.
Dexter.	Latham.	Oxford.	Winchester.
Easton.	Lebanon.	Pawnee Rock.	
Edwardsville.	Lebo.	Perry.	

ACCREDITED—CLASS B, RANK III.

Admire.	Goff.	Minneola.	Savonburg.
Americus.	Grant County.	Morehead.	Scandia.
Andover.	(New Ulysses.)	Mound Valley.	Seranton.
Assaria.	Grenola.	Muscotah.	Silver Lake.
Barnard.	Haven.	Neosho Rapids.	Stark.
Bazine.	Havensville.	Oneida.	Summerfield.
Beattie.	Hope.	Ozawkie.	Sylvan Grove.
Benedict.	Hugoton.	Palco.	Tescott.
Blue Mound.	Ingalls.	Portis.	Thayer.
Brownell.	Irving.	Potwin.	Utica.
Bunker Hill.	Jamestown.	Powhattan.	Vermilion.
Chetopa.	Kipp.	Preston.	Viola.
Corning.	Lecompton.	Quenemo.	Virgil.
Courtland.	Longton.	Quincy.	Waldo.
Cuba.	Lost Springs.	Quinter.	Walnut.
Edna.	Maize.	Ramona.	Walton.
Elsmore.	Maple Hill.	Randall.	Weir.
Enterprise.	McCracken.	Ransom.	Whiting.
Esbon.	McCune.	Redfield.	Wichita County.
Eudora.	Merriam.	Republic.	(Leoti.)
Garden Plain.	Mildred.	Rock Creek.	Winona.
Gardner.	Milton.	Russell Springs.	

NOT FULLY ACCREDITED—CLASS C.

Agenda.	Dover.	Kanopolis.	Princeton.
Agra.	Edgerton.	Kirwin.	Rantoul.
Allen.	Elk Falls.	Lane.	Raymond.
Antrim.	Ford.	Lenexa.	Reserve.
Arcadia.	Frederick.	Leonardville.	Richmond.
Barns.	Fulton.	Liberty.	Riley.
Bennington.	Garfield.	Longford.	Rush Center.
Bentley.	Garrison.	Long Island.	Sawyer.
Benton.	Geuda Springs.	Mayetta.	Selden.
Bern.	Grainfield.	Milan.	Simpson.
Bird City.	Greeley.	Miltonvale.	St. Paul.
Bison.	Gridley.	Monument.	Strawn.
Buhler.	Grinnell.	Mullinville.	Sylvia.
Burdett.	Haddam.	Netawaka.	Talmage.
Bushong.	Healy.	Oakland.	Tampa.
Bushton.	Hepler.	Oketo.	Turon.
Carneiro.	Herndon.	Olsburg.	Tyro.
Clayton.	Hewins.	Paradise.	Uniontown.
Cleburne.	Hollenberg.	Parker.	Webster.
Codell.	Home.	Partridge.	Welda.
Collyer.	Hoyt.	Paxico.	Wilsey.
Corbin.	Hudson.	Plevna.	Wilson.
Deerfield.	Huron.	Potter.	(Wyandotte County.)
Denton.	Imman.	Prairie View.	Windom.
De Soto.	Ionis.	Prescott.	Woodston.
Dorrance.	Jennings.	Pretty Prairie.	

ACADEMIES AND PRIVATE INSTITUTIONS ACCREDITED BUT NOT CLASSIFIED.

Baker University Academy.....	Baldwin.
Bethel College.....	Newton.
Cathedral High School.....	Leavenworth.
Catholic High School.....	Kansas City.
Friends University Academy.....	Wichita.
Hesston Academy.....	Hesston.
St. Mary's Academy.....	Leavenworth.
Nazareth Academy.....	Concordia.
Ottawa University Academy.....	Ottawa.
Sacred Hart Academy.....	Salina.
Southwestern Academy.....	Winfield.
Ursuline Academy.....	Paola.
Washburn College Academy.....	Topeka.

DEPARTMENT CLUBS.

THE MATHEMATICS CLUB is an organization for those students whose major subject is mathematics, and who are especially interested in the current literature regarding the history and the teaching of mathematics. Its membership is restricted to those having full collegiate standing. The meetings are held the fourth Wednesday evening of each month.

DER DEUTSCHE VEREIN is an organization open to all students in the department of German except beginners. It meets on the first and third Wednesday evenings of each month of the regular school year. Its chief objects are the discussion of valuable books and periodicals, the observation of important German holidays and anniversaries, additional practice in speaking German, and the enjoyment of pleasant social hours.

THE EUROPEAN HISTORY CLUB is organized for those students who are interested particularly in the study of European history. Its aim is to draw the students through this special interest into closer social and intellectual union. The study of some historical theme is pursued throughout the year, the students themselves taking a large part in the presentation and discussion of the subject. The club meets on the first and third Wednesdays of each month.

THE PHYSICS CLUB AND SEMINAR meets every other Wednesday at 7:30 p. m. From an enrollment of a dozen at its initiation it has grown until the regular attendance ranges from forty to fifty members. The ideals of the club are to arouse greater interest in physics, to promote coöperation and mutual assistance to those who are working in this department, and to encourage deeper study of many of the most common and interesting phenomena and principles. It is a real, live, throbbing organization in the School.

THE LATIN CLUB is conducted for the benefit of students enrolled in the Latin department and others who may be interested in the study or teaching of Latin. It meets bimonthly. The programs consist of papers, reports, dialogues, scenes from standard Latin authors, and short plays given by the students. Frequent addresses and lantern talks are given by the instructors and other members of the Faculty.

THE NATURAL HISTORY CLUB was organized to meet the needs of those College students of agriculture, botany, geology and zoölogy, and of those members of the Faculty who need a clearing-house for facts in natural history and suggestions for additional personal observations. The club meets on the first and third Thursdays of each month at four o'clock.

STORY-TELLING CLUB. Two years ago the primary and kindergarten girls, feeling a need of practical work in story-telling and dramatization, organized a club for this purpose known as the Story-Telling Club. They meet every two weeks and tell stories suggested by the seasons. The programs are occasionally made more enjoyable by the use of music and children's games, while now and then an entire social evening is given.

STUDENT SOCIETIES AND CLUBS.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION has a secretary whose full time is devoted to the service of the men of the Normal. A handbook containing matters of interest and information on all school activities is printed every year, and will be mailed on request to any one who desires it. The information bureau, the coöperative employment plan, the socials, and addresses on things of vital interest to every man, make the Y. M. C. A. a valuable asset to student life. Questions regarding room, board, self help, etc., will be answered as far as possible, and some member of the association will meet any prospective student who will inform the secretary when he expects to arrive in Emporia. Address correspondence to the Secretary of the Normal Y. M. C. A., Emporia, Kan.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION is an organization of the young women of the School. It is one of 660 such organizations for women students in the United States. Its purpose is not only to train young women while in school in methods of service by helping one another, but by this to fit them for greater usefulness when they leave school. The work is carried on by committees under the direction of a cabinet chosen from the membership, and the general secretary, who is employed for full time. Some of the important features of the work are the rest room; employment bureau, through which many girls obtain employment; work for new students, which means meeting them at the trains and helping them to become acquainted through social occasions and calls; Bible study and mission study, vesper services, and calling on sick girls. Miss Frances Spencer, the general secretary, will be very glad to answer any correspondence in regard to work, plans, or anything that will be helpful to a new student.

THE ORATORICAL ASSOCIATION is composed of students interested in oratory. A State Oratorical League, comprising the three Normal Schools of the state, has been formed during the past year, and the contest of the local association determines the representation of the School in this state league.

THE DEBATE COUNCIL is composed of the debaters of the School, together with five Faculty members appointed by the President of the School. The head of the Public Speaking Department is chairman. During the past year four debates were held: a dual debate with the Northwestern Normal School of Oklahoma, also one with the Missouri Normal School of Warrensburg, and a debate with the College of Emporia.

THE SIGMAS, a girls' debating society. While not neglecting entirely the entertainment phase of an association, this society has for its earnest

aim, skill and readiness in debate and public speech. It meets regularly once a week, with occasional try-outs with some one of the men's debating clubs. Membership honors come by way of a nominating committee chosen from the members of the society.

THE ALPHA RHO TAU SOCIETY was organized by advanced students in the Art Department. The society meets Saturday mornings for sketching or other art work, and one Saturday of each month is devoted to a social meeting. The art teachers are sponsors for the society.

IONIAN SOCIETY, a group of thirty wide-awake college girls interested in social and literary pursuits. Membership is obtained by election and invitation from the society. Composers, musicians, grand opera and concert performers have had their share in the year's programs.

JAYHAWKER DEBATING CLUB. This organization is composed of about twenty-five young men of the College, who meet weekly, on Saturday morning, for the discussion and formal debate of live current topics. At times active parliamentary practice is engaged in, under the criticism of a Faculty member. A good opportunity is thus afforded young men to secure training for public service.

K CLUB. This club is composed of the men who have won the "K" in athletics. Its purpose is to better the athletic interests of the School and to attract men to the Normal in a legitimate way.

THE OMEGA SOCIETY is the oldest girls' society in the School. It was organized by a group of girls desiring special training in literary research and debate. During the eleven years since its organization the society has stood for the best of all school activities, and has swerved from its original purpose only in so far as debate is no longer emphasized. Aside from the literary and educational value of the society, many of the social activities of the School center here. During the school year of 1912-'13 the time has been almost equally divided between literary programs and social events.

THE CATHOLIC CLUB is an organization of the Catholic students of the School, formed for purely social purposes. With the reorganization the purpose was extended to include also the study of some subject of especial interest to the members. The subject chosen for the current year is the history of church development. The officers are a president and secretary, and membership is open to any student in school who may wish to join the club.

THE REPRESENTATIVE LITERARY SOCIETY is one of the strong men's societies of the School. It meets weekly for practice in all forms of platform work and parliamentary drill. It is under the censorship of a member of the Faculty, who advises and suggests work for the different members.

THE DELPHIAN LITERARY SOCIETY, although the newest men's society in the School, boasts of the largest membership. The work of the weekly meetings is that done by the usual literary society—debates, orations, readings, and musical numbers. A member of the Faculty acts as critic.

CHAPEL.

The chapel exercises are held Monday, Wednesday and Friday from 10 to 10:20. Attendance is required.

PUBLICATIONS.

In addition to the General Catalogue, the following publications are put out by the Kansas State Normal School:

TEACHING, a magazine published every two weeks, devoted to all phases of educational and teacher-training work. Six thousand copies of each edition are distributed to teachers and school officers of Kansas. Each issue is devoted to some special educational topic. The magazine is edited by Mr. Baker Brownlee, of the English Department, and will be sent free of charge to any one in the state of Kansas.

SUMMER SCHOOL CATALOGUE, issued yearly, in February or March, for the Summer School following. Catalogue sent upon request.

CORRESPONDENCE-STUDY CATALOGUE, issued each year by the Extension Division, contains full information concerning courses, fees, time, etc., in correspondence work. This catalogue is sent free to any one upon request.

EXTENSION CATALOGUE, issued annually by the Extension Division, contains full information regarding lectures, lyceum courses and special features of various kinds provided by the State Normal School.

MUSIC CATALOGUE, issued once a year by the Music School, and containing full information about instruction in public-school music, voice, piano, violin, harmony, theory, history of music, etc. Sent on request.

ALUMNI CATALOGUE, issued by the Extension Division, and containing register of alumni as well as other information concerning the School and the Alumni Association. May be had for the asking.

THE SUNFLOWER, the year-book of the School, published by the student body. Distributed through the Annual Staff.

SPECIAL BULLETINS, such as plays and games, school gardening, etc., are published from time to time.

THE STATE NORMAL BULLETIN, published weekly by the students through the *Bulletin* staff, elected each year from the student body.

THE COLLEGE.

ADMISSION.

The requirements for admission of graduates of Kansas high schools to the Kansas State Normal School have been fixed by legislative enactment, which, by section 9, senate bill No. 66, session of 1915, provides that:

"Any person who shall complete a four-year course of study in any high school accredited by the State board of Education shall be entitled to admission to the freshman class of the State University, the State Agricultural College, or any of the state normal schools, on presenting a statement containing a transcript of his high-school record signed by the principal of the school and certifying that such person has satisfactorily completed said course of study."

The transcript of record certified by the principal should be sent to the Registrar by May 15 if the student wishes to enter for the summer term following, and by August 1 if the student wishes to enter in September. Such transcripts of record are necessary to admission.

Transcripts of high-school records should show the name of each course, the number of weeks given to it, the number of the recitation or laboratory hours per week, the length of such hours, and the final grades. Blanks for this purpose may be had by writing the Registrar. *Do not bring or send monthly or yearly report cards or diplomas.* Persons who wish to establish high-school credit by examination may arrange with Principal Carothers of the Normal Training High School for examinations, necessary for this purpose.

UNCLASSIFIED STUDENTS. Persons who are not able to present formal high-school or other preparatory-school credits, and who are not seeking any kind of a certificate or diploma, may be admitted to the work of college courses as *unclassified* students provided they are twenty-one years of age, that they have had teaching experience of not less than three years in the lines of work which they wish to do, and that they present to the Registrar a written recommendation from the head of each department in which they wish to work. The unclassified student is subject to the same regulations in regard to the number of hours of work, number of hours of preparation, classroom or laboratory work, and examinations as students in regular courses. Should they prove, after admission, to be unable to carry the work undertaken, they will be required to drop back into lower classes. Unclassified students, although not meeting any certificate or diploma requirements, are entitled to a statement of record made.

Persons who have done college work for which they wish credit should send to the Registrar certified transcripts of record. The dates indicated in the beginning of the statement concerning admission should be observed. Transcripts of record should show the name, not the number, of each course, the number of weeks given to it, the number of recitation or laboratory hours per week, the length of these hours, and the final

grade. Honorable dismissal from the college attended is necessary to admission.

Applicants for college credit for college work done elsewhere should read the statement under the caption "Extra Hours and Advanced Credit."

REGISTRATION AND WITHDRAWAL.

See statement, pages 18 and 19.

NUMBER OF HOURS OF WORK.

Students are not permitted to register for work giving less than eight hours credit, including credit for one-half hour of physical training practice per semester, or without permission of the Committee on Extra Hours to register for work giving more than sixteen hours credit, including credit for one hour of physical training per semester. Application blanks for extra hours may be had of the Registrar. They should be filed with the committee within the time indicated for registration.

COLLEGE CREDIT.

College credits are estimated in hours. A semester hour of credit is earned by the student who carries a course through one semester (eighteen weeks), the recitation period being one hour, with a preparation period approximately double the time spent in recitation. Likewise, an hour of credit is earned by the student who carries a course a half semester (nine weeks), the class meeting twice a week, the recitation period being one hour, with a preparation period approximately double the time spent in recitation. Laboratory courses or courses with little or no preparation carry half the credit of other courses.

MAJOR AND MINOR.

A major of eight hours credit in one department is required of all persons seeking the Life Certificate. A major of twenty-five hours in a given department and a minor of fifteen hours in an allied department are required for the degree of bachelor of science in education. Required courses may be regarded as part of a major or minor, except in General Pedagogy. See department statement.

OLD COURSES.

The following statement of equivalents is made for the benefit of graduates of courses formerly given. Those who wish to continue their work will find here their standing in terms of semester hours of credit. The requirements for the several certificates now given, as well as for the degree of bachelor of science in education, are indicated in their respective places. The work of these courses is taken at full value in meeting present requirements.

The courses formerly given have, in addition to sufficient work for college entrance, credit value as follows:

Elementary course, 32 hours.

English course, 64 hours.

English-German course, 64 hours.

Latin course, 64 hours.

EXTRA HOURS AND ADVANCED CREDIT.

I. Sixteen hours, and one hour of physical training practice, shall be the maximum of work allowed a student in any semester. The only exceptions to this rule are as follows:

1. Where one or more of the subjects may be considered a review study.

2. Where the student has shown by his past record in the Normal that he is physically and mentally capable of doing extraordinary work.

3. Where in rare instances exceptional conditions, or records made in some other institution, warrant extra favors.

II. Fifteen units of credit obtained in a standard high school or institution of similar grade are necessary for admission to the College.

III. Extra units of credit obtained within the regular four years of high-school work do not establish a valid claim for advanced credit. If, however, the student has seventeen or more units from a high school of superior grade, or has taken postgraduate work, he is at liberty to apply to the Committee on Advanced Credit for advanced credit, which may be granted under the following conditions:

1. That it must be in some line of work where actual attainment can be easily tested (preferably in ancient or modern language or mathematics, or some other field where teaching traditions and materials are standardized).

2. The student must show good high-school grades in the subject for which he expects advanced credit.

3. The student must apply for this credit during his first semester of residence.

4. No credit shall be granted until the student's first semester of Normal College grades shall have been inspected and his record in the College work found satisfactory.

5. No credit shall be given except by the Committee on Advanced Credit, and on recommendation by the department in which credit is asked, this recommendation to be based upon examination or advanced work in the department.

6. The amount of College credit allowed on any work done within the regular years in a preparatory school shall be limited to ten hours. For any time spent above four years, additional credit may be allowed.

IV. Credits obtained in another standard college or normal school shall be given full recognition when found to have been obtained under regulations involving as high standards as those of this institution. No more than seventeen hours credit, however, can be obtained for the work of any one semester in another institution, except in rare instances where conditions were so favorable that the student might unquestionably have secured the extra hours privilege in this institution.

V. No credit shall be allowed for irregular educational work, like teaching in institutes, or for high grades on certificates, nor shall successful educational experience constitute a presumptive claim for advanced standing. Recognition of long and meritorious service, which can be shown to have been really educational, however, may be made by the Committee on Advanced Credit, based upon departmental examination wherever possible.

Certificates and Diplomas.

REGULAR CERTIFICATES AND DIPLOMAS.

ONE-YEAR STATE CERTIFICATE.

This certificate is issued to those who have sixteen units of high-school work as outlined below, who have been in residence one semester and have done full work, and who apply for the certificate. The student who is an accredited high-school graduate upon entrance, and who seeks this certificate, must be in residence one semester and submit not less than fifteen hours credit in college courses in which high-school work does not satisfy requirements, aside from required physical training practice.

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.

Oral English, 1 unit.

Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, $1\frac{1}{2}$ units.

Geometry, $1\frac{1}{2}$ units.

Arithmetic, 1 unit.

Bookkeeping, $\frac{1}{2}$ unit.

Required: Two and one-half units, one-half unit being arithmetic or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted:

Botany, 1 unit.

Physics, 1 unit.

Agriculture, $1\frac{1}{2}$ units.

Geography, $1\frac{1}{2}$ units.

Physiology, $\frac{1}{2}$ unit.

Required: Three units, one-half unit being geography and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted:

American history, $1\frac{1}{2}$ units.

European history, 2 units.

Civics, $\frac{1}{2}$ unit.

Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted:

Methods and management, $\frac{1}{2}$ unit.

Psychology, $\frac{1}{2}$ unit.

Required: One unit.

GROUP 6.—ARTS.

May be submitted:

Drawing, 2 units.

Music, 3 units.

Physical training, $\frac{1}{2}$ unit.

Manual training, 2 units.

Domestic science or domestic art, 2 units.

Penmanship, 1 unit.

Required: One unit.

ELECTIVE.

Required: Four units.

The One-year State Certificate will be granted to persons applying for it, who are graduates of accredited high schools, who have been in residence one summer term in which they earn credit of not less than eight semester hours aside from one-half hour's credit in physical training practice, and who have a total credit of not less than thirty semesters hours aside from the physical-training requirement, which must include General Methods and Observation, and not less than four additional hours of professional work.

THREE-YEAR STATE CERTIFICATE.

This certificate will be issued to all persons applying for it, who are graduates of accredited high schools, who have been in residence one semester with credit of not less than fifteen hours aside from physical training practice, and who have a total credit of thirty-two hours, including two hours of physical training practice. The work required is as follows:

From the Department of English, or Public Speaking and Expression, 3 hours.

General Psychology, 3 hours.

General Methods and Observation, 3 hours.

Advanced Arithmetic, 4 hours.

Geography, 3 hours.

American History or Government, 3 hours.

Physiology, 3 hours.

Music, Drawing, Home Economics, Manual Training, or Book-keeping and Penmanship, 4 hours.

Physical Training Practice, 1 hour each semester.

Elective, 4 hours.

If the above courses, except English or Public Speaking and Expression, General Methods and Observation and Physical Training, have been fully represented in the work submitted for College entrance, they may be omitted from the work for this certificate, but other College courses must be offered as elective for a like number of hours.

LIFE CERTIFICATE.

The person who is a graduate of an accredited high school, or its equivalent, who has been in residence at least one semester in which he has done work giving not less than fifteen semester hours, aside from the required work in physical training practice, and who has completed two years of College work as outlined below is given a life certificate to teach in the elementary schools and the junior and two-year high schools in the state of Kansas. The student is entitled to this certificate immediately upon the completion of the work required. The list of persons to receive the certificate in June is made up at the opening of the second semester, of those to receive it in August, at the opening of the summer term. The persons receiving the certificates at the close of the summer term are classed with those who receive it in June. The required work is as follows:

Composition and Rhetoric, 3 hours.

English Literature, Fundamentals of Expression, Story-Telling or Children's Literature, 3 hours.

Library Methods, 1 hour.

General Methods, Observation and School Administration, 5 hours.

General Psychology, 3 hours.

Practice Teaching, 4 hours.

Physical Training Practice, 1 hour per semester for the Freshman and Sophomore years.

Elective, 41 hours.

NOTE 1.—Students are urged to use for their electives some one of the groups leading to a certificate for special proficiency in some field of elementary school work.

NOTE 2.—Students completing the course leading to the Life Certificate, but who do not wish a certificate of special proficiency, are required to have credit for not less than eight hours in one department as a major. The department in which the Life Certificate major will be met must be selected not later than the opening of the Sophomore year.

NOTE 3.—The school administration requirement may be satisfied by submitting credit for grades school administration or rural school administration.

DEGREE OF BACHELOR OF SCIENCE IN EDUCATION.

The degree of bachelor of science in education is conferred upon students who are graduates of accredited high schools, or who have had equivalent training, who have been in residence two semesters, or three summer terms, and who have completed, in addition to the required work in physical training, one hundred and twenty hours of work covering the four-year College course of study.

To obtain the degree of bachelor of science in education at least one-half semester, or a summer term of that period residence, must be within the school year in which the degree is granted, unless the first three years of work for the degree were taken in the Kansas State Normal. The diploma given is a Life Certificate to teach in the public schools of Kansas. The special requirements are as follows:

a. In addition to the requirements listed for the Life Certificate, the candidate for the degree will submit credit for the following courses:

Adolescent or Educational Psychology, 3 hours.

Principles of Education, 3 hours.

One methods course in high-school subjects, 2 hours.

Elective, 53 hours.

b. The practice-teaching requirement for the Life Certificate may be waived for the degree. Students who do not take the Life Certificate must offer four hours elective in lieu of the practice-teaching requirement.

c. The school-administration requirement may be satisfied by the course in high-school administration.

d. There is required credit of not to exceed twenty-five hours in one department as a major, and of fifteen hours in an allied department as a minor.

e. Students are required to file, not later than the opening of their Junior year, with the Registrar and the head of their major department, on blanks provided for that purpose, a choice of a major and a minor.

f. The consent of the President is necessary for a change of the major subject.

SPECIAL CERTIFICATES AND DIPLOMAS.

CERTIFICATES FOR SPECIAL PROFICIENCY, ISSUED ONLY IN CONNECTION WITH THE LIFE CERTIFICATE.

Students who intend to obtain the Life Certificate before completing the four-year College course are expected to choose one of the following groups in order to secure a Certificate of Special Proficiency in some field of elementary school work. (Students specializing in some department such as music are excepted.) The following Certificates for Special Proficiency are issued:

1. Kindergarten Teaching.
2. Primary Teaching.
3. Intermediate and Grammar-grade Teaching.
4. Junior High School, or Departmental Teaching.
5. Rural School Teaching.

The groups of required and elective courses which must be taken to secure each of these Certificates for Special Proficiency are given below. These groups will satisfy the requirements of a major of 25 hours, and a minor of 15 hours, in case the student decides later to complete the course leading to a degree of B. S. in Education.

KINDERGARTEN TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major of 25 hours, as follows:

Kindergarten Technics	3 hours.
Handwork	3 hours.
Kindergarten Theory	3 hours.
Primary Methods	4 hours.
Kindergarten Teaching	8 hours.
Kindergarten Program	2 hours.
Kindergarten and Primary Music Methods ...	2 hours.

Elective, a minor group of 16 hours selected with the approval of the student's Adviser from the following:

Plays and Games	2 hours.
Drawing:	
Free-hand I	} 2-6 hours.
Blackboard Drawing	
Free-hand Drawing II	
Clay Modeling	
Art Appreciation	
Children's Literature	3 hours.
Child Psychology	2 hours.
Story Telling	3 hours.
School Hygiene	2 hours.
Primary Teaching	2-4 hours.
Fundamentals of Expression	3 hours.
Music:	
Sight Singing	} 2-6 hours.
Advanced Music Methods	
Piano	
Music Appreciation	

Science and Nature Study:

Field Zoölogy	} 2-8 hours.
Plant Life	
Chemistry of Every-day Life	
Physics of Common Things	
History	3 hours.
English Literature	2-4 hours.
Ethics	3 hours.
Sociology	3 hours.
Home Economics	4 hours.

PRIMARY TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major of 25 hours, as follows:

Primary Methods	4 hours.
Child Psychology	2 hours.
Drawing:	
Blackboard Drawing	2 hours.
Handwork	2 hours.
Music:	
Sight Singing	2 hours.
Kindergarten and Primary Music Methods,	2 hours.
Nature Study:	
Animal Life or Field Zoölogy	2 hours.
Plant Life	2 hours.
Hygiene and Sanitation	3 hours.
History for the Grades	2 hours.

Elective, a minor group of 16 hours selected with the approval of the student's Adviser from the following:

Primary Teaching	2 hours.
Kindergarten Courses	9 hours.
Kindergarten Teaching	8 hours.
Story Telling	3 hours.
Plays and Games	2 hours.
Fundamentals of Expression	3 hours.
Drawing:	
Free-hand I	} 2-6 hours.
Free-hand Drawing II	
Clay Modeling	
Art Appreciation	
Music:	
Advanced Music Methods	} 2-6 hours.
Piano	
Music Appreciation	
Children's Literature	3 hours.
American or English History	3 hours.
Physics of Common Things	2 hours.
English:	
Shakespeare's Comedies	} 2-4 hours.
Tennyson's Idylls of the King	
Ethics	3 hours.
Sociology	3 hours.
Geography	2 hours.
Home Economics (Art or Science)	4 hours.
Arithmetic Teaching	2 hours.

INTERMEDIATE AND GRAMMAR-GRADE TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major group of 25 hours as follows:

Special Methods Courses from the following:	
Arithmetic for the grades, 2 hours	8 hours.
History for the grades, 2 hours	
English for the grades, 2 hours	
Geography for the grades, 2 hours	
Hygiene for the grades, 2 hours	
Science for the grades, 2 hours	4 hours.
Manual Training or Home Economics	
Music	
Drawing	
Child Psychology	2 hours.
From the following:	
Educational Sociology, 3 hours	3 hours.
Plays and Playground Games, 2 hours ..	
First Aid to the Injured, 1 hour	
Agricultural Biology, 2 hours	
School Gardening, 1 hour	

Elective, a minor group of 16 hours selected with the approval of the student's Adviser from one of the following groups:

Group I:

Agronomy	4 hours.
School Gardening	1 hour.
Agricultural Biology	2 hours.
Economic Biology	4 hours.
Geology of Kansas	2 hours.
Nature Study	2 hours.
Agricultural Bacteriology	3 hours.
Hygiene and Sanitation	3 hours.
First Aid to the Injured	1 hour.
Advanced Physiography	3 hours.
Economic and Industrial Geography	3 hours.
Chemistry of Every-day Life	3 hours.
Farm Physics	4 hours.
Physics of Common Things	2 hours.

Group II:

Fundamentals of Expression	3 hours.
American Literature	3 hours.
Children's Literature	3 hours.
The Short Story	2 hours.
American History	3 hours.
European History	3 hours.
Industrial and Social History of England..	2 hours.
General Economics	3 hours.
General Sociology	3 hours.

Group III:

History of Modern Education	3 hours.
Primary Methods	4 hours.
Handwork	3 hours.
Plays and Games	2 hours.
Educational Psychology	3 hours.
Psychology of Adolescence	3 hours.
Social Psychology	2 hours.
Ethics	2 hours.
Methods in Penmanship	2 hours.

Group III—*continued.*

Methods in Physical Training	2 hours.
Rural Life Problems	3 hours.
School Administration	2 hours.
Advanced Practice Teaching and Supervision	2 hours.
Advanced Arithmetic	4 hours.

JUNIOR HIGH SCHOOL OR DEPARTMENTAL TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major group of 26 hours as follows:

Special Methods Courses from the following:	
Arithmetic for the grades, 2 hours	} 8 hours.
English for the grades, 2 hours	
History for the grades, 2 hours	
Geography for the grades, 2 hours	
Hygiene for the grades, 2 hours	
Science for the grades, 2 hours	
Child Psychology	2 hours.
Educational Sociology	3 hours.
Plays and Playground Games	2 hours.
First Aid to the Injured	1 hour.
From any one of the three groups listed as the minor for the Intermediate and Gram- mar grade Teaching	9 hours.

Elective, a minor group of 15 hours selected with the approval of the student's Adviser, from any one of the following departments in the College, or from two allied departments:

Latin	15 hours.
German or French or Spanish	15 hours.
English	15 hours.
Mathematics	15 hours.
History and Civics	15 hours.
Geography	15 hours.

RURAL SCHOOL TEACHING.

In addition to the requirements for the Life Certificate.

Required, a major group of 25 hours as follows:

Special Methods Courses from the following:	
Arithmetic for the grades, 2 hours	} 6 hours.
History for the grades, 2 hours	
English for the grades, 2 hours	
Geography for the grades, 2 hours	
Science for the grades, 2 hours	
Playground Supervision and Instruction	2 hours.
Rural-life Problems	3 hours.
Drawing and Handwork I or II	2 hours.
Primary Methods	4 hours.
Child Psychology	2 hours.
Agriculture	4 hours.
Farm Accounting	2 hours.

Elective, a minor group of 16 hours selected with the approval of the student's Adviser from the following group:

Arithmetic	4 hours.
Physics of Common Things	2 hours.
Nature Study	2 hours.
Manual Training or Home Economics	4 hours.
Bacteriology	4 hours.
Rural-school Music	3 hours.

Hygiene and Sanitation	3 hours.
Rural Economics	3 hours.
Chemistry of Every-day Life	3 hours.
County Supervision	3 hours.
First Aid to the Injured	1 hour.
History, American or European	3 hours.
Story Telling	3 hours.
Public Speaking	3 hours.
Economic and Industrial Geography	3 hours.

SPECIAL HIGH-SCHOOL CERTIFICATES.

Section 6, senate bill 313, session of 1915, provides that:

"Each of said institutions (Kansas State Normal School, State Manual Training Normal School, and the Fort Hays Kansas Normal School) shall have power to issue certificates to teach Manual Training, Domestic Science, Agriculture, Commercial Subjects, Drawing, Music or other occupational subjects upon the completion of such course of study as may be prescribed by the faculty of said institutions and approved by the State Board of Educational Administration."

In accordance with this act of the legislature, the Faculty of this institution has provided for the following special high-school certificates to be issued for a period of three years and renewable for a like period upon the completion of thirty additional hours of work. This certificate may be issued in connection with the Life Certificate or not as the student desires. Students seeking any special high-school certificate should work under the direction of the head of the department.

FOR SPECIAL CERTIFICATE TO TEACH AGRICULTURE IN HIGH SCHOOL, AND THE LIFE CERTIFICATE.

ACADEMIC:

Rhetoric and Composition	3 hours.
English Literature or Public Speaking	3 hours.
Library Methods	1 hour.
Geology of the United States	4 hours.
Systematic Zoölogy	2 hours.
Rural Economics, General Economics or Rural Life Problems	3 hours.
Physical Training Practice, each semester ...	1 hour.

Electives, 4 to 8 hours, from the following:

Chemistry	5 hours.
Bacteriology	4 hours.
Botany	4 hours.
Physics	5 hours.
Animal Ecology	4 hours.

EDUCATION:

General Psychology	3 hours.
General Methods and Observation	3 hours.
School Administration	2 hours.
Practice Teaching	4 hours.
Special Methods:	
In Agriculture	2 hours.
In High School Science	2 hours.

AGRICULTURE:

Agronomy	4 hours.
Animal Husbandry	4 hours.
Farm Management	4 hours.

AGRICULTURE—*continued*.

Horticulture and Forestry	4 hours.
School Gardening and Landscape Art	1 hour.
Soils	2 hours.

Elective, 5 hours, from:

1. Farm Physics, <i>or</i>	5 hours.
2. Farm Carpentry, <i>and</i>	3 hours.
3. Farm Accounting	2 hours.

FOR SPECIAL CERTIFICATE TO TEACH COMMERCE IN HIGH SCHOOL, AND THE LIFE CERTIFICATE.

ACADEMIC:

Rhetoric and Composition	3 hours.
English Literature, or Public Speaking and Expression	3 hours.
Library Methods	1 hour.
General Economics	3 hours.
Economic and Industrial Geography	3 hours.
Physical Training Practice (each semester)	1 hour.
Elective	5 hours.

EDUCATION:

General Methods and Observation	3 hours.
School Administration	2 hours.
General Psychology	3 hours.

COMMERCE:

Accounting	8 hours.
Business Law	3 hours.
Shorthand	8 hours.
Typewriting	3 hours.
Office Training	2 hours.
Commercial Arithmetic	2 hours.
Special Methods:	
Principles and Methods in Commercial Education	2 hours.
Penmanship Methods	2 hours.
Practice Teaching	4 hours.

FOR SPECIAL CERTIFICATE TO TEACH DRAWING IN HIGH SCHOOL, AND THE LIFE CERTIFICATE.

ACADEMIC:

Library Methods	1 hour.
English Composition and Rhetoric	3 hours.
Advanced English Composition	2 hours.
Fundamentals of Expression	3 hours.
Sewing and Textiles	4 hours.
History of Greece	3 hours.
European History during the Middle Ages ...	3 hours.
Elective	1 hour.
Physical Training Practice (each semester)	1 hour.

EDUCATION:

General Psychology	3 hours.
General Methods and Observation	3 hours.
School Administration	2 hours.
Practice Teaching	4 hours.

DRAWING:

Free-hand Drawing I	2 hours.
Free-hand Drawing II	3 hours.
Drawing and Handwork I	2 hours.
Methods of Teaching Drawing I and II	4 hours.

DRAWING—*continued*.

Elementary Design	4 hours.
Blackboard Drawing	2 hours.
History of Art	2 hours.

Electives, nine hours, from the following:

Applied Arts	3 hours.
Advanced Study of Dark and Light Values ...	4 hours.
Advanced Study of Color Values and Harmonies	4 hours.
Clay Modeling	2 hours.
Basketry I	2 hours.
Basketry II	1 hour.
Drawing and Handwork II	2 hours.

FOR SPECIAL CERTIFICATE TO TEACH HOME ECONOMICS IN
HIGH SCHOOL, AND THE LIFE CERTIFICATE.

ACADEMIC:

Rhetoric and Composition	3 hours.
Library Methods	1 hour.
English Literature or Fundamentals of Expression	3 hours.
General Chemistry	5 hours.
Elementary Free-hand and Construction Drawing	2 hours.
Advanced Physiology	3 hours.
Household Bacteriology	3 hours.

Elective:

Special Methods in Drawing or Science	2 hours.
Physical Training Practice (each semester)	1 hour.

EDUCATION:

Practice Teaching	4 hours.
General Methods and Observation	3 hours.
School Administration	2 hours.
General Psychology	3 hours.

HOME ECONOMICS:

Advanced Food Preparation	4 hours.
Economic Uses of Food	4 hours.
Textiles and Sewing	4 hours.
Drafting and Machine Work	4 hours.
Dressmaking	4 hours.
Elementary Design	4 hours.
Special Methods in Home Economics	2 hours.

FOR SPECIAL CERTIFICATE TO TEACH MANUAL TRAINING IN
HIGH SCHOOL, AND THE LIFE CERTIFICATE.

ACADEMIC:

Library Methods	1 hour.
Composition and Rhetoric	3 hours.
English Literature or Fundamentals of Expression	3 hours.
Drawing (Free-hand and Elementary Design),	8 hours.
Mathematics (Shop Problems)	2 hours.
Elective	3 hours.
Physical Training Practice (each semester)	1 hour.

EDUCATION:

General Methods and Observation	3 hours.
School Administration	2 hours.
General Psychology	3 hours.

MANUAL TRAINING:

Mechanical Drawing	4 hours.
Woodworking	4 hours.
Farm Carpentry	3 hours.
Joinery and Cabinet Making	4 hours.
Furniture Design	2 hours.
Furniture Making	3 hours.
Woodturning	4 hours.
Special Methods (Theory and Practice)	2 hours.
Special Methods (elective)	2 hours.
Practice Teaching	4 hours.

A special certificate to teach music in high school is issued. For requirements, see special Music Catalogue.

FOR SPECIAL CERTIFICATE TO TEACH PHYSICAL TRAINING IN
HIGH SCHOOL, AND THE LIFE CERTIFICATE.

(Certificate issued for work in men's department.)

ACADEMIC:

Composition and Rhetoric	3 hours.
English Literature, Fundamentals of Expression, Story Telling, or Children's Literature	3 hours.
Library Methods	1 hour.
Histology	2 hours.
General Sociology	3 hours.
Social Psychology	2 hours.
First Aid to the Injured	1 hour.
Child Psychology	2 hours.
Chemistry of Every-day Life	3 hours.

EDUCATION:

General Methods and Observation	3 hours.
School Administration	2 hours.
General Psychology	3 hours.
Practice Teaching	4 hours.

PHYSICAL TRAINING:

Anatomy	5 hours.
Advanced Physiology	3 hours.
Playground Supervision and Instruction	3 hours.
History of Physical Education	2 hours.
Theory of Coaching	3 hours.
Applied Anatomy	2 hours.
Anthropometry	1 hour.
Massage	1 hour.
General Technique	2 hours.
Advanced Technique	3 hours.
Physiology of Exercise	3 hours.
Physical Training Practice (each semester)	1 hour.

FOR SPECIAL CERTIFICATE TO TEACH PHYSICAL TRAINING IN
HIGH SCHOOL, AND THE LIFE CERTIFICATE.

(Certificate issued for work in women's department.)

ACADEMIC:

Composition and Rhetoric	3 hours.
Story Telling	3 hours.
Fundamentals of Expression	3 hours.
Advanced Physiology	3 hours.
Plays and Games	2 hours.
Handwork	2 hours.

ACADEMIC—*continued.*

Library Methods	1 hour.
First Aid	1 hour.
Hygiene and Sanitation	3 hours.

EDUCATION:

General Methods and Observation	3 hours.
School Administration	2 hours.
General Psychology	3 hours.
Child Psychology	2 hours.
Special Methods	4 hours.
Practice Teaching	6 hours.

PHYSICAL TRAINING:

Advanced Technique	3 hours.
History of Physical Education	2 hours.
Playground Supervision and Instruction	3 hours.
Anatomy	5 hours.
Applied Anatomy	2 hours.
Massage and Remedial Gymnastics	3 hours.
Personal Hygiene	1 hour.
Physical Training Practice (each semester)	1 hour.

If a student wishes a Special Certificate to teach one subject in high school, and does not wish the Life Certificate, the following subjects are recommended:

English	4 hours.
Mathematics	8 hours.
Science	8 hours.
Vocational (for example, Agriculture)	24 hours.
Practice Teaching in the Vocational Courses	4 hours.
Education	12 hours.
Physical Training Practice (each semester)	1 hour.

If a student wishes a Special Certificate for teaching two subjects, and does not wish the Life Certificate, the following outline of work is recommended:

As a major (for example, Manual Training), a minimum of	24 hours.
As a minor (for example, Agriculture), a minimum of	12 hours.
Academic	16 hours.
Education	8 hours.
Physical Training Practice (each semester)	1 hour.

If a student desires a Special Certificate to teach two high-school subjects, and the Life Certificate, the following work is required:

As a major (for example, Agriculture)	24 hours.
As a minor (for example, Manual Training) ..	12 hours.

The following courses required for the Life Certificate:

Rhetoric and Composition	3 hours.
English Literature, Fundamentals of Expression, Story Telling, or Children's Literature,	3 hours.
Library Methods	1 hour.
General Methods and Observation	3 hours.
School Administration	2 hours.
General Psychology	3 hours.
Practice Teaching	4 hours.
Physical Training Practice (each semester) ..	1 hour.
Elective	13 hours.

OTHER SPECIAL CERTIFICATES.

LIBRARY SCIENCE CERTIFICATE.

The course in Library Science is a one-year College course, and is open to graduates of accredited high schools. In addition to the courses outlined, a course in elementary typewriting is required.

Library Methods	1 hour.
Reference	3 hours.
Bibliography	3 hours.
Public Documents	2 hours.
Children's Literature	3 hours.
Story Telling	3 hours.
Bookmaking	2 hours.
Library History	2 hours.
Library Economy	2 hours.
Classification of Books	3 hours.
Cataloguing	4 hours.
Organization and Administration	2 hours.

For information concerning special music certificate, see Music Catalogue.

COLLEGE COURSES.

For purposes of classification of college courses the four years' work is divided into Junior College and Senior College. The work of the Freshman and Sophomore years makes up the Junior College; that of the Junior and Senior years, the Senior College. Although this classification is not rigid it is recommended that students will, in order to avoid irregularity, take courses in the order in which they are given; that is, a student of Junior College rank will take Junior College courses; students of Senior College rank will take Senior College courses.

No Junior College course will be offered unless registered for by twelve students; no Senior College course, unless registered for by seven students.

The Summer Term of eight weeks and the first and second semesters of eighteen weeks each, indicated as the time when the courses are given, make up the school year, opening June 1, 1916, and closing June 6, 1917.

Agriculture.

Professor PHIPPS.

A major in this department is made up of all of the courses offered together with courses selected from the work of other departments with the approval of the head of the Department of Agriculture. A minor of fifteen hours should be selected from Biological Sciences, Chemistry, Physics, Commerce, or Manual Training.

A special certificate to teach agriculture in Kansas high schools is issued for work in this department. For requirements for the certificate, see page 22.

1.—AGRONOMY. *Four hours credit.*

First Semester, and April-August.

A general course in the study of field crops, grain judging, crop rotations, seed and plant identification. No prerequisite.

2.—ANIMAL HUSBANDRY AND DRAWING. *Four hours credit.*

Summer Term, and each Semester.

The course includes a study of types and breeds of farm animals, their care and management, live-stock judging, meats, feeds and feeding, and dairying. Judging work is done at stockyards, breeding barns and dairy barns in Emporia. No prerequisite.

3.—FARM MANAGEMENT. *Four hours credit.*

Each Semester.

This course covers a general field in farm management. Crop rotations, labor, managerial problems, farm buildings and equipment, farm supplies, scoring of farms, etc., form this course. Special attention is given systems of farming. Prerequisite, one year of agriculture.

4.—METHODS IN TEACHING AGRICULTURE. *Two hours credit.*

Summer Term, and first half of First Semester.

This course includes a study of the materials and methods used in teaching Agriculture in our public schools. Teaching material and outlines are prepared for use in teaching agriculture. No prerequisite.

5.—SOILS. *Two hours credit.*

Second Term, and second half of First Semester.

The course includes both lectures and laboratory and field work in the study of soil types. Common problems in soil management are attacked. Soil fertility and fertilizers, fertility problems and production are discussed. No prerequisite.

6.—HORTICULTURE AND FORESTRY. *Four hours credit.*

Second Semester.

Course includes study of fruits, both large and bush fruits, vegetables, and vegetable gardening. Care of orchards, sprays and spraying, and pruning of fruit trees, diseases, common insects, and their control, etc. A brief study of forestry and the farm woodlot, wooden building materials and their preservation, and planting trees on waste lands, is also given in this course. No prerequisite.

7.—SCHOOL GARDENING AND LANDSCAPE ART. *One hour credit.*

Summer Term, and each Semester.

School and home garden plans, vegetables, hot-beds, and practical gardening work are taken up. The course also includes the study of arrangement of trees, shrubs, flowers, etc., on school and home grounds and in public places, and the combinations of hardy plants for best landscape effect. Designing gardens and landscape planting plans form the principal line of work in the course. No prerequisite.

Biology and Geology.

Professor WOOSTER.

THE SCIENCE OF ORGANISMS—ZOÖLOGY.

A maximum of twenty-five hours constitutes a major in this department. A minor of fifteen hours should be selected from one of the following departments: Agriculture, Home Economics, Physiology and Hygiene, Chemistry, Physics, Economics and Sociology.

1.—ANIMAL ECOLOGY. *Four hours credit.*

Each Semester.

Junior College. No prerequisite. Classes meet in laboratory and recitation daily. This course includes the work given formerly as field zoölogy and animal life, and gives work on birds and insects and an elementary study of animal development and ecology. It is especially intended for those who have not had zoölogy in the high school.

2.—ECONOMIC BIOLOGY. *Four hours credit.*

Each Semester.

Junior College. No prerequisite. Classes meet in laboratory and recitation daily. This course includes the work given formerly as agricultural biology and systematic zoölogy, and embraces a study of the structure and functions of representatives and of their relationship to the farmer and to his soil and crops. This course also gives a study of the embryology, development and evolution of plants and animals.

3.—FIELD ZOOLOGY. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. Classes meet in laboratory and recitation daily. This course is intended for those who have not taken an equivalent course in zoölogy in the high school, and desire to gain a knowledge of insects and birds for use in nature study, agriculture and other natural history work.

Methods of teaching science in the grades are given with this course. The course may be taken also during the first half of the first semester and during the second half of the second semester in connection with animal ecology.

4.—AGRICULTURAL BIOLOGY. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. Classes meet in laboratory work and recitation daily. This course treats of the care, kinds, feeding, good and bad qualities, and disposal of animals found on the farm; and of the soils, crops, fertilizers and diseases associated with farming. The attempt is made to present agriculture as a science rather than as an art.

Methods of teaching science in the high school are given with this course. The course may be taken also during the first half of the first semester and the second half of the second semester in connection with economic biology.

5.—ANIMAL LIFE. *Two hours credit.*

Second half of First Semester and first half of Second Semester.

Junior College. No prerequisite. This course is given in connection with the course in animal ecology, and may be used as a methods course for teaching science in the grades or in high schools. It is an ideal course for the study of the philosophy of life and of living.

6.—SYSTEMATIC ZOOLOGY. *Two hours credit.*

Second half of First Semester and first half of Second Semester.

Junior College. No prerequisite. This course is regularly given in connection with the course in economic biology, and gives a brief but fairly satisfactory study of the development or evolution of animal life. It also emphasizes the importance of a knowledge of the various pathogenic forms of animals, especially those which seriously endanger human health and that of the domestic animals.

ENVIRONMENTAL SCIENCE—GEOLOGY.

7.—GEOLOGY OF THE UNITED STATES. *Four hours credit.*

Each Semester.

Junior or Senior College. No prerequisite, but some knowledge of zoölogy is desirable as a preparation for the second half of this subject. Geology comprises a study of the dynamical structural and historical geology of our country, and includes laboratory and field work. It is a very necessary preparation for the teaching of physical geography and for the full understanding and enjoyment of all natural scenery.

8.—GEOLOGY OF KANSAS. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. Daily, laboratory and recitation. This brief course in Kansas geology comprises studies in soil, climate, forest, and the subjacent rock formations with their included forms of extinct life; and the geological work of wind, rain, air, moisture and running water, all with especial reference to understanding the physical features of our state.

THE SCIENTIFIC METHOD—SCHOOL SCIENCE.

9.—NATURE STUDY. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. The course in nature study treats of the methods of teaching natural history in the grades, and will be illustrated with numerous nature-study lessons.

10.—GENERAL SCIENCE COURSE. *Three hours credit.*

First and Second Semesters.

Junior or Senior College. This course is intended to give a general preparation for teaching of general science in the Junior High School. It includes methods of teaching the biological sciences in the high schools, as well as full discussions of science teaching in general and lessons on the subject matter.

BOTANY.

Mr. AGRELIUS.

11.—DEVELOPMENTAL BOTANY OF SPORE PLANTS. *Three hours credit.*Summer Term (*two hours credit*), and First Semester.

Junior College. No prerequisite. This course includes a systematic study of the lower plants from the simplest upward, ending with the appearance of seeds. Special emphasis is placed on the economic forms of the bacteria and the fungi. It should be followed by the next course. Deposit, 75 cents.

12.—DEVELOPMENTAL BOTANY OF SEED PLANTS. *Three hours credit.*Summer Term (*two hours credit*), and Second Semester.

Junior College. No prerequisite. This includes the study of the seed plants. It begins with the seed and its germination and follows the developing plant through its various stages, including maturity. Special attempt is made to give the course cultural and economic value. It supplements the previous course and, though a unit in itself, is preferably preceded by it. Deposit, 75 cents.

13.—PLANT ANATOMY. *Four hours credit.*

First Semester.

Junior College. Prerequisite, courses 11 and 12, or their equivalent. Includes a study of the tissues of plants in relation to their function. A set of microscope slides is prepared. These are of much use in presenting the subject of botany in high schools. Deposit, \$1.

14.—PLANT PHYSIOLOGY. *Three hours credit.*

Second Semester.

Senior College. Prerequisite, courses 11 and 12, or their equivalent. This course embraces a study of the vital processes of plants—absorption, excretion, circulation, respiration—and is intended as a preparation of this phase of botany teaching in the high school. It deals with practical phenomena. Deposit, \$1.

15.—NATURE STUDY. *Two hours credit.*

Summer Term, and Second Semester.

Junior College. Prerequisite, high-school botany, or its equivalent. The phases of plant life which may be profitably presented in the grades are determined. The modes of presenting such work, and the literature useful in teaching the subject, are studied.

16.—SYSTEMATIC BOTANY. *Two hours credit.*

Summer Term, and First Semester.

Senior College. Prerequisite, courses 11 and 12. The classification of plants, especially those of the local flora; the preparation

of an herbarium. Intended to acquaint teachers and others with the common and the scientific names of the more familiar plants, and to enable them to identify those less familiar; to assist teachers, especially of rural communities, in arousing an interest in their pupils for their local environment. Especially helpful to teachers of nature study. Deposit, \$1.

BACTERIOLOGY.

Mr. AGRELIUS.

A maximum credit of seven hours may be allowed any student for graduation.

17.—GENERAL BACTERIOLOGY. *Four hours credit.*

Summer Term (*three hours credit*), and First Semester.

Senior College. No prerequisite. This is a general course in bacteriology. It includes the preparation and use of ordinary and special media and stains, and other bacteriological technique, and a study of the distribution, dissemination, classification, and identification of bacteria. Special attention is given to those forms causing disease in man and other animals, and to immunity from these organisms; to water supplies; the disposal of sewage; and to individual and community hygiene. Deposit, \$2.

18.—AGRICULTURAL BACTERIOLOGY. *Three hours credit.*

Second Semester.

Senior College. No prerequisite. This consists chiefly of laboratory work, and includes methods of growing and staining bacteria; a study of the kinds of especial interest to the farmer because of their relation to soil formation and fertility, to disease in live stock, and the dairy and other farm products. Deposit, \$2.

19.—HOUSEHOLD BACTERIOLOGY. *Three hours credit.*

Second Semester.

Senior College. No prerequisite. This treats of the preparation of media, for growing bacteria and molds; of the staining of these organisms; of their forms and functions; and of their relation to the home. It includes the preservation of fruit; the effect of bacteria on milk, butter and other foods; the location of wells and the care of the same; the disposal of wastes; and the lighting and the furnishing of the home as affecting the health of its occupants. Deposit, \$2.

Chemistry.

Professor MAYBERRY.

The Chemistry Department occupies commodious quarters in Norton Science Hall. In addition to a large lecture room with a demonstration table, there are two well-lighted laboratories, a weighing room, a store-room and an office. Recently much valuable apparatus has been installed and such supplies purchased as will permit of the very highest grade of work in all lines of analytical chemistry. There are few laboratories anywhere better equipped for the work performed by a normal school. The object of the department is to give students a clear insight into this, very important science and at the same time train teachers for successful instruction in our best high schools and academies. A fee is charged in each course to cover the actual cost of chemicals and breakages.

A maximum of twenty-five hours constitutes a major in chemistry.

A minor of fifteen hours should be taken from one of the following departments: Physics, Home Economics, Biological Science, Agriculture, and Mathematics.

1.—GENERAL CHEMISTRY. *Five hours credit.*

Summer Term, each Semester, and the April-August Semester.

Junior College. This is a course in inorganic chemistry. It includes a study of the fundamental principles and laws of the science, with a detailed study of both nonmetallic and metallic elements. Much practice in writing reactions and solving chemical problems is given. General experiments and demonstrations accompanying the daily recitations, and a minimum of four hours a week laboratory work is required.

2.—INORGANIC CHEMISTRY. *Five hours credit.*

Each Semester.

Junior College or Senior College. Prerequisite, Chemistry I. The work covered is practically the same, but of a more advanced nature, intended for those who wish to teach chemistry or desire a more extended knowledge of the subject.

3.—QUALITATIVE ANALYSIS. *Five hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 1 and, if possible, course 2. This course covers the detection of metallic and nonmetallic ions and the analysis of salts and ores. It is almost wholly a laboratory course. A minimum of eight hours laboratory work and one hour recitation each week is required.

4.—QUANTITATIVE ANALYSIS. *Five hours credit.*

Summer Term, and Second Semester.

Junior College or Senior College. Prerequisite, course 3. This course includes both gravimetric and volumetric methods of quantitative analysis. It is a laboratory course, requiring a minimum of eight hours laboratory work and one hour recitation each week.

5.—ORGANIC CHEMISTRY. *Three hours credit.*

Each Semester.

Junior College or Senior College. Prerequisite, course 3. The aim in this course is to give a comprehensive view of the various classes of hydrocarbons and their derivatives through the study of some selected types.

6.—ORGANIC ANALYSIS. *Three hours credit.*

Each Semester.

Junior College or Senior College. Prerequisite, course 5. There are two divisions in this course. Many experiments of a general nature are included in both divisions.

(a) General analysis—a course designed for students in agriculture and those specializing in chemistry.

(b) Food analysis—a course designed for students in home economics and those interested in the analysis and tests of foods.

6.—AGRICULTURAL CHEMISTRY. *Three hours credit.*

Summer Term, and First Semester.

Junior College or Senior College. Prerequisite, course 3. The application of chemistry to the study of soils, soil analysis, plant nutrition, and soil fertilization. The general relation of chemistry to various farming operations will be studied.

7.—SPECIAL ANALYSIS. *Three hours credit.*

By appointment.

Junior College or Senior College. Prerequisite, course 4. A course intended for students desiring to work out problems in rock, soil, food, etc. Analysis. The work is arranged to suit the needs of the individual students.

8.—CHEMISTRY OF EVERYDAY LIFE. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 1. This is a practical course designed to make clear the chemical phenomena of everyday life. Simple tests are applied to water, air, milk and other foods to determine their purity. A careful study is made of the use of soaps and the removal of stains.

Commerce.

Professor PARKE.
Mr. SKOGLUND.
Mr. POCOCK.

This department aims (1) To prepare teachers to organize and conduct commercial courses in high schools; (2) To train teachers and supervisors of penmanship; (3) To offer elective courses for those who wish to obtain a knowledge of business subjects as a part of their general education.

Since teachers of commercial branches in high schools are usually expected to teach all the subjects of the ordinary high-school commercial course, it is very desirable that students who are preparing to do this work should include in their preparation: Accounting, 9 hours; Law, 6 hours; Stenography, 8 hours; Typewriting, 3 hours; Penmanship Methods, 2 hours; Principles and Methods in Commercial Education, 2 hours.

A maximum of twenty-five hours constitutes a major in Commerce. A minor of fifteen hours may be selected from one of the following departments: Economics and Sociology, Foreign Languages, History and Political Science, Agriculture, Manual Training, English.

A special certificate to teach commerce in Kansas high schools is issued for work in this department. For requirements, see page 22.

ACCOUNTING.

In all the accounting courses instruction is given in the use of business papers, in business customs, and in methods of business organization and management.

1.—ELEMENTARY ACCOUNTING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Open to Freshmen who have had no high-school bookkeeping. Fundamental principles are studied and applied. Prepares students to do practical work in bookkeeping and for the advanced accounting courses.

2.—MERCANTILE ACCOUNTING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Elementary Accounting, or a half-year of high-school bookkeeping. This course includes a partnership

set and covers the work of a large mercantile business, with emphasis upon the relation of the accounting system to business efficiency.

3.—HOUSEHOLD ACCOUNTS. *One hour credit.*

On sufficient demand.

Junior College. No prerequisite. A simple but complete plan for keeping a classified record of household receipts and expenditures.

4.—FARM ACCOUNTING. *Two hours credit.*

First Semester.

Junior College. No prerequisite. A practical system of keeping farm accounts, so devised as to show the condition, progress, and results of the farm business as a whole and in each of its departments. A course useful to students in agriculture as well as to those in commerce.

5.—BANK ACCOUNTING. *Two hours credit.*

First Semester.

Junior College. Prerequisite, Elementary Accounting. Organization and management of banks. Books opened from statements of a bank already in operation. The work is designed to reproduce as nearly as practicable the routine of a bank.

6.—WHOLESALE ACCOUNTING. *Three hours credit.*

Second Semester.

Junior or Senior College. Prerequisite, Mercantile Accounting. Many labor-saving devices are introduced. Emphasis is placed upon the classifying of accounts so as to show the condition and progress of the business.

7.—ADVANCED ACCOUNTING. *Three hours credit.*

Second Semester.

Junior or Senior College. Prerequisite, Mercantile Accounting. The distinctive features of corporation accounting are studied. A manufacturing set is worked out, illustrating modern cost keeping, giving a careful classification of accounts, and presenting in detail the results of the activities, productive and distributive, of a somewhat extensive manufacturing establishment.

8.—OFFICE TRAINING. *Two hours credit.*

Second Semester.

Junior or Senior College. Prerequisite, Elementary Stenography, Elementary Typewriting, Elementary Accounting. A study of the organization and management of an office, including drills in business correspondence, handling the mail, use of filing systems and office appliances, and the preparation of business and legal papers.

9.—BUSINESS ORGANIZATION. *Two hours credit.*

On sufficient demand.

Junior or Senior College. It is advised that this course be preceded by General Economics. Fundamental principles of business administration. The individual business man, the partnership, and the corporation. Extractive, manufacturing, and distributive industries. The various departments of a large business and their relation to one another. The market, advertising, credits, and collections. The administrative department and accounting methods.

LAW.

10.—ELEMENTARY LAW. *Three hours credit.*

Summer Term, and First Semester.

Junior or Senior College. No prerequisite. Designed to give a general view of our legal system. Among the topics studied are: Written and unwritten law; personal and property rights; criminal law; private wrongs. Remedies for public and private wrongs are discussed, with outline of court procedure and a brief study of the rules of evidence. Correlated with history, government and economics, as well as with business subjects.

11.—BUSINESS LAW. *Three hours credit.*

Summer term, and each Semester.

Junior College. No prerequisite. It is the aim in this course to teach those principles of law that give one an intelligent idea of his legal rights and limitations in business dealings. The law of contracts, sales, commercial paper, agency, partnership, and corporations, are among the topics studied. Attention is given to the law governing real-estate titles and transfers, by deed, will, and inheritance. Drills are given in writing legal papers.

STENOGRAPHY.

13.—ELEMENTARY STENOGRAPHY. *Four hours credit.*

First Semester, Benn Pitman system.

Second Semester, Gregg system.

Junior College. No prerequisite. Emphasis is placed upon mastery of principles and correct formation of characters and outlines. Much drill is given in reading shorthand as well as in writing ordinary business and literary matter.

14.—ADVANCED STENOGRAPHY. *Four hours credit.*

First Semester, Gregg system.

Second Semester, Benn Pitman system.

Junior College. Prerequisite, Elementary Stenography. Special contractions and shortening principles, phrasing, and daily dictation, with reading and transcription of notes. Emphasis is placed upon accuracy and readiness in transcribing.

15.—SHORTHAND SPEED PRACTICE. *Two hours credit.*

On sufficient demand.

Junior College. Prerequisite, Advanced Stenography. Dictation of difficult matter, use of dictaphone, discussion of office routine.

TYPEWRITING.

16.—ELEMENTARY TYPEWRITING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. Beginning with the mastery of the keyboard by the touch method, the student is led by a series of progressive exercises to the acquisition of practical speed and accuracy in writing ordinary business and literary matter. Laboratory fee, \$4.

17.—ADVANCED TYPEWRITING. *Two hours credit.*

Second Semester.

Junior College. Prerequisite, Elementary Typewriting. Drill is given in writing from copy and from dictation, and in various lines of office work. Laboratory fee, \$2.

METHODS.

18.—METHODS IN PENMANSHIP. *Two hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. Drill is given in movement, in the formation of letters, and in writing business forms, with emphasis upon presenting penmanship in the grades and in the high school. May be taken for the Three-year State Certificate.

20.—PRINCIPLES AND METHODS IN COMMERCIAL EDUCATION.

Two hours credit.

Summer Term, and Second Semester.

Senior College. Prerequisite, fifteen hours of Commerce. A teachers' course, including among other topics the following: Essentials of commercial education; the high-school commercial course, including subjects to be taught, order of presenting them, amount of work to be done in each, methods of teaching. Relation of the business course to the business community; adaptation of the course to the small, the medium, and the large high school, and to local conditions.

Drawing.

Professor GRIDLEY.

Mrs. ECKDALL.

Miss MORRISON.

A maximum of twenty-five hours constitutes a major in Drawing. A minor of fifteen hours may be taken in Home Economics or Music. The courses selected in both Major and minor should be selected in conference with the head of the Drawing Department.

A special certificate to teach drawing in Kansas high schools is issued for work in this department. For requirements for the certificate, see page 22.

1.—FREE-HAND DRAWING I. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Free-hand outline drawing with pencil, charcoal and crayon; principles of perspective; elementary composition, including decorative rendering in outline, flowers, landscape and still life.

2.—FREE-HAND DRAWING II. *Three hours credit.*

Summer Term, and each Semester.

Junior or Senior College. Prerequisite, Free-hand Drawing I. Free-hand mass drawing in charcoal and water color. An elementary study of dark and light values. Color schemes developed and original compositions in landscape, still life and nature forms made with the brush in water color and tempera. Simple water-color drawings made from nature.

3.—ADVANCED STUDY OF DARK AND LIGHT VALUES. *Four hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisites, Free-hand Drawing I and II. Advanced problems in composition rendered with charcoal and brush in dark and light. Still life, landscape, and nature forms.

4.—ADVANCED STUDY OF COLOR VALUES AND HARMONIES.

Four hours credit.

Summer Term, and Second Semester.

Junior and Senior College. Prerequisites, Free-hand Drawing I

and II. Advanced problems in color harmonies and composition rendered in water color. Still life, landscape, flowers, etc.

5.—ELEMENTARY FREE-HAND AND CONSTRUCTION DRAWING.

Three hours credit.

Summer Term, and First Semester.

Junior or Senior College. Free-hand drawing with the pencil; the principles of perspective applied to drawing interiors; working drawings. This course is especially planned for students taking courses in Household Arts.

6.—ELEMENTARY DESIGN. *Four hours credit.*

Summer Term, and each Semester.

Junior or Senior College. Prerequisite, course 1 or course 5. Historic ornament and making original designs to be applied to fabrics by stencil and block-printing processes. Original decorative wash drawings, color harmonies as applied to interior house decoration and costume design. This course is a prerequisite for certain courses in Household Arts. (See department of Home Economics.)

7.—METHODS OF TEACHING DRAWING I. *Two hours credit.*

Summer Term, and First Semester.

Junior or Senior College. Prerequisites, courses 1, 2 and 9. Methods of teaching drawing and applied art to children below the grammar grade. This course is a prerequisite for teaching drawing in the intermediate grades in the Normal Training School.

8.—METHODS OF TEACHING DRAWING II. *Two hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisites, courses 1 and 2, and course 6 or 4. Methods of art education for teachers in the upper grades and high schools. Prerequisite for teaching drawing in the eighth grade in the Normal Training School.

9.—DRAWING AND HANDWORK I. *Two hours credit.*

Summer Term, and each Semester.

Junior or Senior College. No prerequisite. Elementary water color and design; weaving, modeling, paper cutting and other practical handwork for use in the lower grades and the rural schools.

10.—DRAWING AND HANDWORK II. *Two hours credit.*

Summer Term, and First Semester.

Junior or Senior College. Handwork adapted to children above the fifth grade.

11.—BLACKBOARD DRAWING. *Two hours credit.*

Summer Term, and each Semester.

Junior or Senior College. Prerequisite, Free-hand Drawing I or its equivalent. Practice in blackboard drawing, using chalk and charcoal. The purpose of the course is to give the facility with the chalk for general illustrative purposes in the classroom.

12.—CLAY MODELING. *Two hours credit.*

Summer Term, and each Semester.

Junior or Senior College. No prerequisite. Elementary modeling of clay suitable for the lower grades, also more advanced work for high schools.

13.—BASKETRY I. *Two hours credit.*

Summer Term, and each Semester.

Junior or Senior College. Instruction in weaving raffia mats, baskets, trays, etc.

- 14.—BASKETRY II. *One hour credit.*
Summer Term, and each Semester.
Junior or Senior College. Instruction in reed weaving.
- 15.—APPLIED ARTS. *Three hours credit.*
Summer Term, and First Semester.
Senior College. Prerequisite, courses 1 and 6 or the equivalent.
Instruction and practice in applying designs to the processes of silversmithing, coppersmithing, leather tooling, etc.
- 16.—COMMERCIAL DESIGN. *One hour credit.*
Summer Term, and each Semester.
Junior or Senior College. Prerequisites, Free-hand Drawing I or course 5, and Free-hand Drawing II or course 4 or 6. Instruction and practice in decorative lettering and poster design.
- 17.—PICTURE STUDY IN THE GRADES. *Two hours credit.*
Junior or Senior College. Methods of teaching children to become acquainted with and interested in good pictures.
- 18.—HISTORY OF ART I. *Two hours credit.*
Second Semester.
Junior or Senior College. A brief survey of the history of architecture.
- 19.—HISTORY OF ART II. *Four hours credit.*
Second Semester.
Junior or Senior College. A study of the history of modern painting.
- 20.—HISTORY OF ART III. *Two hours credit.*
First Semester.
Senior College. A brief study of American art.
- 21.—SEMINAR COURSE I. *One hour credit.*
Senior College. Current literature concerning present-day art and artists.
- 22.—SEMINAR COURSE II. *One hour credit.*
A survey of the history and trend of art education in the public schools.
- 23.—ART APPRECIATION. *Three hours credit.*
Summer Term, and Second Semester.
A study of the world's great masterpieces of art with reference to recognized principles of art as applied to architecture, sculpture and painting.

English.

Professor BARRETT.
Miss NEWTON.
Mr. BROWNELL.
Miss ILLICK.
Miss HICOCK.

A maximum of twenty-five hours constitutes a major in English. A minor of fifteen hours must be selected from some other department. Suggested minors are: Public Speaking and Expression, Foreign Languages, History, and Economics and Sociology.

1.—RHETORIC AND COMPOSITION. *Three hours credit.*

Summer Term, and each Semester.

Junior College. This is a course for Freshmen in thinking English. Certain of the elementary rules and methods of good thinking and their correlation with correct sentence structure are studied. There is a severe drill in the simpler technique of writing. Above all is the student required to write, constantly and continually, until he is fluent in this form of expression.

2.—NEWSPAPER ENGLISH I. *Three hours credit.*

First Semester.

Junior or Senior College. Prerequisite, Rhetoric and Composition. This is a study of the form and composition of the news report. The development of a terse and powerful style is sought. Fully fifty per cent of the material written in this class reaches the printing press.

3.—NEWSPAPER ENGLISH II. *Three hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, Rhetoric and Composition. This is a study of current opinion. The editorial, as an intelligent comment on affairs, will be studied. The simpler kinds of critical writing will be taken up. Each student will undertake, with a view to publication, an investigation of some subject vital in modern life. These courses in general journalistic English are designed to give the teacher power to put the school before the public.

4.—ADVANCED COMPOSITION FOR WOMEN. *Three hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, Rhetoric and Composition. This course is especially designed to meet the needs of the teacher as a leader in club work in the high school and in her community. Human interest is emphasized by connecting the lecture, the demonstrative talk, and the club paper with affairs which touch the lives of women. Attention is given to the practical and cultural. Social correspondence is considered.

5.—AMERICAN LITERATURE. *Three hours credit.*

First Semester.

Junior College. Prerequisite, Rhetoric and Composition. This course gives a general review of the history of American literature, but the emphasis is strictly placed on the classics. Methods in presenting the work in high school will be suggested. Much reading in the library is required.

6.—ENGLISH ROMANTIC POETS. *Three hours credit.*

Summer Term, and First Semester.

Junior College. Prerequisite, Rhetoric and Composition. A general survey of the "Romantic Movement" is made. The poets considered are: Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats.

7.—CURRENT EDUCATIONAL LITERATURE. *Three hours credit.*

First Semester.

Junior College. Prerequisite, Rhetoric and Composition. In this course a study is made of some of the best new or recent poetry, essays, and fiction. Comparison is made with established models and an effort is made to develop power of criticism. Current magazines and the library are used extensively.

8.—THE NOVEL. *Three hours credit.*

Second Semester.

Junior College. Prerequisite, Rhetoric and Composition. A study is made of the rise and development of the novel. The structure of the novel is studied. An intensive study is made of some of the novels of Jane Austen, Scott, Dickens, Thackeray, George Eliot, Meredith and Hardy.

9.—ENGLISH LITERATURE TO 1500. *Three hours credit.*

First Semester, and Summer Term.

Junior or Senior College. Prerequisite, Rhetoric and Composition. The object of this course is to make a general review of English literature from its earliest beginning down to the Renaissance. Some time is devoted to Chaucer. The series of various movements that develop later will be noted. Students are expected to spend considerable time reading in the library.

10.—ENGLISH LITERATURE, 1500-1660. *Three hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, Rhetoric and Composition. The English drama, except Shakespeare, is studied. Spenser, Bacon and Milton are given due attention.

11.—ENGLISH LITERATURE, 1660-1800. *Three hours credit.*

First Semester.

Junior or Senior College. Prerequisite, Rhetoric and Composition. A study is made of the classical period and its prose and poetry. The growth of the dramatic movement will be traced to its culmination at the end of the century.

12.—THE SHORT STORY. *Two hours credit.*

First Semester.

Junior or Senior College. Prerequisite, Rhetoric and Composition. Both the constructive and the literary sides of the short story are emphasized. Various types are studied. An original short story is written.

13.—THE HISTORY AND DEVELOPMENT OF THE ESSAY. *Three hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, six hours of College English. The essay reveals more clearly than any form of literature the methods of a man's thinking. The course includes a study of the contrasts of *a priori* and *posteriori* thought. With Bacon as an example of the latter and with Emerson of the former, the great essayists are grouped and their ideas analyzed. Essays from Montaigne to George Fitch are read.

14.—SHAKESPEARE'S TRAGEDIES. *Three hours credit.*

First Semester.

Junior or Senior College. Prerequisite, six hours of College English. This is a study of the conception of the tragedy in literature. All of Shakespeare's tragedies are read and discussed. One of his greater tragedies is studied intensively. Shakespeare's versification and the composition of blank verse in general receives attention. Aristotle's poetics is read, and therefrom a philosophy of the tragedy constructed.

15.—SHAKESPEARE'S COMEDIES. *Two hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, six hours of College English. Eight of Shakespeare's comedies are read, chosen from

the different types. Some attention is paid to the life and times of Shakespeare and to the development of his genius.

16.—TENNYSON. *Two hours credit.*

First Semester.

Senior College. Prerequisite, six hours of College English. A study of the author's characteristic poems.

17.—BROWNING. *Two hours credit.*

Summer Term, and Second Semester.

Senior College. Prerequisite, six hours of College English. This course includes all of Browning's short poems that are usually studied in schools, his dramas and selections from "The Ring in the Book."

18.—LITERARY STUDY OF THE BIBLE. *Two hours credit.*

Summer Term, and Second Semester.

Senior College. Prerequisite, six hours of College English. The aim is to give the student an appreciation of the Bible as "The World's Great Masterpiece of Literature." Attention is given to the dramatic, lyric and epic forms, and other literary excellencies set forth in Job and the biblical idylls—Solomon's Song, Esther, and Ruth. Biblical quotations and allusions are also taken up to illustrate the truth that the Bible has profoundly influenced and saturated the best literature.

19.—CONTEMPORARY DRAMA. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, six hours of College English.

20.—TEACHING OF ELEMENTARY ENGLISH. *Two hours credit.*

Summer Term, and each Semester.

Junior College. The aim of this course is to give as definite preparation as possible for the work of teaching English in the grades. Skill in the use of English as an instrument for conveying thought, both information and feeling, is the goal. Attention is given to composition work with special reference to the problem of adequate motivation. Chief emphasis is placed upon the problem of the selection and use of literature for the several grades which shall develop character. McClintock's Teaching of Literature in the Elementary School is the basic text.

21.—TEACHING OF HIGH-SCHOOL ENGLISH. *Two hours credit.*

Summer Term, and Second Semester.

Senior College. Prerequisite, fifteen hours of College English. Various problems that confront the teacher of high-school English are taken up and discussed. The different types of literature are studied, and methods of presenting each are worked out. The teaching of composition and grammar in the high school is also taken up.

Geography.

Miss ATWOOD.

A maximum of twenty-five hours constitutes a major in Geography. A minor of fifteen hours should be selected from courses in American History, Biological Sciences, Chemistry, Physics, Mathematics or Economics and Sociology.

1.—ECONOMIC AND INDUSTRIAL GEOGRAPHY. *Three hours credit.*

Summer Term, and Second Semester.

Junior College. The distribution, development and conservation

of the world's natural resources, and their relation to the growth and power of nations. The geographical factors influencing the location and development of industrial regions, trade centers, and commercial activities.

2.—NORTH AMERICA. *Four hours credit.*

Summer Term, and First Semester.

Junior College. The physiography of the continent and its influence upon the development of the nations. The distribution, development, and conservation of the natural resources of the United States, and their relation to industrial and commercial activities.

3.—SOUTH AMERICA. *Three hours credit.*

Second Semester.

Junior College. The geographical factor influencing the development of the nations of South America. The industrial regions, trade centers and commercial activities of the continent.

4.—RELATION OF GEOGRAPHY TO HISTORY. *Three hours credit.*

Summer Term, and each Semester.

Senior College. The geographic factors influencing settlement, westward movement of population, and growth of the United States.

5.—EURASIA. *Four hours credit.*

First Semester. Given 1916-'17, and alternate years.

A description of several regions, including the geology, topography, physiographic history, climate and resources. The influence of geographic conditions on industries, cities and historical events.

6.—THE TEACHING OF GEOGRAPHY IN THE GRADES. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Economic and Industrial Geography, or its equivalent. The nature and scope of the subject and its relation to other subjects of study. Selection of subject matter, and methods of presentation for different grades. Geographic materials and their use.

7.—ADVANCED PHYSIOGRAPHY. *Four hours credit.*

Second Semester.

Senior College. Prerequisite, High-school Physiography. Elementary meteorology, and types of land forms, their origin, growth and relation to man's interests. Subject matter and methods for high-school teachers. One hour a week of laboratory work is required.

American History and Government.

Professor WHITNEY.
Mr. MYER.

A maximum of twenty-five hours constitutes a major in American History and Government. A minor of fifteen hours must be selected from the work of some other department. Suggested minors are European History, Economics and Sociology, English, Modern Languages, General Pedagogy.

AMERICAN HISTORY.

Professor WHITNEY.

1.—AMERICAN HISTORY, GENERAL COURSE. *Three hours credit.*

Summer Term, and each Semester.

Junior College. This is a textbook course designed especially to

meet the three-hour college requirement for college students who have not had American history in the high school, and for those who do not expect to major in history.

2.—AMERICAN POLITICAL AND CONSTITUTIONAL HISTORY, 1789-1817.

Three hours credit.

Summer Term, and each Semester.

Junior College. With the adoption of the new constitution, the American nation seeks to establish itself at home and win recognition abroad. Without precedent, beset by enemies within and without, the undertaking and its success is one of the great achievements of world history. Those majoring in history should begin American history with this course. Those desiring but a single course in the department and who have had American history in the high school should take this course.

3.—AMERICAN POLITICAL AND CONSTITUTIONAL HISTORY, 1817-1860.

Three hours credit.

Each Semester.

Junior College. This is an era of great internal development. Economic questions arise with direct bearing upon the Rebellion. New movements, educational, political, philanthropic, religious, literary and governmental, characterize the period. This is better understood if preceded by course 2.

4.—KANSAS HISTORY. *Two hours credit.*

Second Semester.

Junior or Senior College. The state text is used as a guide. A more definite knowledge of the history of our own state should be the pride of every Kansas young man and young woman. The work of this course is to equip the teacher for this service to Kansas.

5-6.—THE REBELLION AND RECONSTRUCTION. *Four hours credit.*

First Semester.

Junior College. The general facts underlying the precipitation of this conflict form the introduction. The war itself is studied by campaigns, with the attempt to discover the designs and methods of operation. The resources of the combatants, the armies, navies, supplies, means of transportation, etc.; the finances, the attitude of foreign countries, are subjects of study. The problems of reconstruction, with all that is involved, the difficulties surrounding them, the ends sought, the methods of solving them and the consequences resulting, form the least understood part of our nation's history. Courses 2, 3, 10-11, 12-13 are excellent preparation for this course.

7.—AMERICAN HISTORY SINCE 1876. *Three hours credit.*

Summer Term, and Second Semester.

Senior College. The new Union has new conditions to meet. The giant strides of the world's progress finds the American nation in the lead. As a nation of peace, she has come to occupy a unique position among the other nations. Hence this period is a study of national problems such as industry, organizations, inventions, transportation, internal development, politics, etc., also of international problems relating us with the world at large.

8.—THE TEACHING OF HISTORY IN THE GRADES. *Two hours credit.*

Summer Term, and each Semester.

Junior College. This course deals with the selection of material, method of presentation, books of reference, and means of visualization for history in the primary, intermediate and grammar grades. Folklore and the history of all nations is the source of lessons

planned. Handwork of all kinds is used for illustrative work. Dramatization and special-day programs are features of this course. Some course in primary handwork, clay modeling, basketry, black-board illustration, or woodwork should precede this course. Especially valuable for rural and elementary school teachers. Those who plan to elect this course would do well to bring with them patterns and simple construction materials from their homes.

9.—THE TEACHING OF SECONDARY HISTORY. *Two hours credit.*

First Semester.

Senior College. This course is prepared to give secondary teachers three things: An understanding of the place history should hold in the school curriculum; and equipment of historical materials; and a knowledge of the best methods of using these materials—all from the point of view of secondary education. The first involves a study of the evolution of history and why it occupies its present exalted position in educational thinking. The second deals with outlining of courses, examination of texts, preparation of reading lists and classification of material. The third covers presentation, helps, devices, methods of visualization, dramatization. This is supplemented by observation and criticism. Open to students preparing to teach history in the secondary school.

10-11.—AMERICAN COLONIAL HISTORY TO 1763. *Four hours credit.*

First Semester.

Senior College. European conditions leading to our age of discovery, and the ancient life in America are followed by a detailed study of the discoverers and explorers as expressive of the character, motives, methods, and results of European expansion in the fifteenth and sixteenth centuries. The planting of the individual colonies and the development of colonial institutions lay the foundation for the formation of the American nation.

12-13.—THE AMERICAN REVOLUTION AND CRITICAL PERIOD, 1763-1789. *Three hours credit.*

Second Semester.

Senior College. This story of the struggle of the colonies for independence and of the nation to realize itself in government is a dramatic one. One sees a nation in the making and the process by which it builds great principles into its form of government.

14.—LATIN AMERICA. *Two hours credit.*

Summer Term, and first Semester.

Junior or Senior College. Central and South America have thrust themselves above the horizon of the student of American history within the last decade, with so persistent a demand for consideration that, at least, one should be conversant with their general history. "America's responsibility" in Mexico and "America's opportunity" in South America must be met first with an intelligent understanding of her people, their past history and future outlook. Such is the purpose of this course.

15.—THE WEST. *Two hours credit.*

Summer Term, and Second Semester.

Senior College. The growth of our nation westward is studied for its causes and processes. New problems and how they affect our national life are considered.

16.—SEMINAR. *One hour credit.*

Each Semester.

Senior College. Investigation and careful study of some subject of interest to students and teachers of history and government is the work of this course.

GOVERNMENT.

Mr. MYER.

1.—AMERICAN GOVERNMENT—GENERAL COURSE. *Three hours credit.*

Summer Term, and each Semester.

Junior College. This course covers the whole field of national and state government. Not only the constitutional framework of our government, but the actual working of the governmental machinery and the problems which we, as citizens, must meet, are studied. Current magazines are used along with the text. Beard, "American Government and Politics" is the text.

2.—GOVERNMENTAL PROBLEMS. *Three hours credit.*

Summer Term, and Second Semester.

Senior College. An intensive study of current political, economic, and social problems. We try to discover just what the Democratic, Republican and Socialist parties stand for, and what vital problems they all neglect. Our conclusions are based on an examination of magazines, papers, party platforms, and the record of statesmen. The object of the course is to assist students to intelligently interpret the present.

3.—PROBLEMS OF LOCAL GOVERNMENT. *Three hours credit.*

First Semester.

Junior College. This course is conducted as in course 2, but it deals with the problems of the city, county, and state. Especial attention is given to the government of Kansas and the problems of this state.

4.—INTERNATIONAL LAW AND DIPLOMACY. *Three hours credit.*

Summer Term, and First Semester.

Senior College. The general principles of international law, and how they are enforced; the questions arising out of the European war; the usages of diplomacy, the foreign policies of the great nations; and the present and future policies of the United States—these are some of the matters to be considered in this course. We will depend chiefly upon recent magazines and books.

5.—A COMPARATIVE STUDY OF GOVERNMENTS. *Three hours credit.*

Second Semester.

Senior College. A study of the general principles and practical working of the governments of the leading nations of the world. This includes a consideration of the political parties in each of the nations and some of the problems which each faces.

6.—PARLIAMENTARY LAW. *One hour credit.*

Summer Term, and each Semester.

Junior or Senior College. This class is organized as the United States senate, and it introduces bills, handles them in committee, debates, and votes on them. It is hoped that those who come in will continue in the organization during the whole time they are in school for the civic training, even though credit is given for but one semester. The organization is known as "The Senate," and students may belong without taking it for credit.

European History.

Professor WILLIAMS.

The equipment of the European History Department consists of 993 books of the following classification: General, consisting of history of civilization, philosophy of history, historical research and method, 152; European, 200; English, 275; Roman, 220; Greek, 132. Of this number, 100 are either complete or extract source material. The additional material consists of three historical charts, fourteen wall maps, six graphic charts, ten wall pictures, and a large number of small pictures, eight historical atlases, and two complete stereopticon sets and slides of Greece and Rome. It is the plan of the department to complete this equipment until a fair-sized museum will be established.

A maximum of twenty-five hours constitutes a major in European History. A minor of fifteen hours must be selected from some other department. American History and Government, Geography, Economics and Sociology, English, and Foreign Languages are suggested minors.

1.—EUROPEAN HISTORY DURING THE MIDDLE AGES. *Three hours credit.*

Summer Term, and First Semester.

Junior College. This course covers the period of the history of Europe between the decline of the Roman Empire and the Renaissance in the fifteenth century. The period was preëminently an institutional epoch when forms and customs were in the making. The course deals with the transition from the ancient to the mediæval world, the effects of the barbarian invasions; the growth of the Christian church; the feudal system; mediæval culture; and the beginnings of modern states and civilizations. Special attention is given in the course to a development of the historical point of view and in the use of source material. This course is considered fundamental to later work in history.

2.—MODERN EUROPEAN HISTORY. *Three hours credit.*

Summer Term, and Second Semester.

Junior College. A general course dealing with the important phases of European history from the time of the Renaissance until the present. It treats of the Renaissance; the Reformation; the age of Louis XIV; the French Revolution and Era of Napoleon; the Unification of Italy and Germany and the Europe of to-day. This course should follow course 1.

3.—HISTORY OF GREECE. *Three hours credit.*

Summer Term, and First Semester.

Junior College. Emphasis is laid on the artistic, intellectual, religious, social, economic and political life of the Greek people. Special attention is given to mythology as an aid to teachers in primary and secondary schools. The fundamental idea is kept in mind that the historical significance and importance of the Greeks is their contributions to the general civilization of the world in their development of a superior intellectual and æsthetic culture.

4.—HISTORY OF ROME. *Three hours credit.*

Second Semester.

Junior College. This course traces the growth of the Roman state and people from the legendary period to the time of the incoming of the barbarian and the deliquescing of the empire. The real greatness of Rome, which forms a part of the world's possessions to-day—her

monuments, her language and literature, her ideals of government, and here legal system—receive particular attention. Recommended to students majoring in Latin.

5.—HISTORY OF ENGLAND TO 1603. *Three hours credit.*

Summer Term, and First Semester.

Junior College. In this course the aim is to trace the great movements by which Ancient England has become Modern England and the forces which have given rise to these movements. The fusing of several races into the English people. The early English institutions which were the germ of later institutions and the social and economic life of the period receive consideration.

6.—HISTORY AND GOVERNMENT OF ENGLAND FROM 1603 TO THE PRESENT. *Three hours credit.*

Second Semester.

Junior College. This course is a continuation of course 5. They should be taken in regular order, but with the consent of the department this requirement may be waived. The course deals with the successful working out by the English people of two great problems in government—that of self-government under free democratic forms, and that of governing remote dependencies. The development in the great fields of industry—manufacture and commerce—and the growth in social and intellectual progress are also studied.

7.—EIGHTEENTH CENTURY HISTORY. *Two hours credit.*

First Semester.

Junior College. This course presents a preparatory study for the history of the nineteenth century. It was the eighteenth century which set the problems of progress and suggested their solution. It was the nineteenth century that worked them out in detail and made their applications. This course will deal with the European struggles for colonial and commercial supremacy, the Old Régime in Europe, the forces working for reform; France before, during and after the Revolution, and the Napoleonic era down to the Congress of Vienna in 1815. The territorial changes, national policies, economic conditions and intellectual interests of this period form the basis for a fuller understanding of the nineteenth and twentieth centuries.

8.—THE NINETEENTH CENTURY AND AFTER. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 1. This course begins with the reconstruction of Europe in 1815, and continues the history of Europe to the present. The ideas bequeathed by the French Revolution of social and political equality and freedom and the struggle for national unity and popular sovereignty are dominant factors in the period. The great economic, social and scientific changes which mark modern times are followed. The world problems and movements of to-day are studied through the newspapers and current periodicals. Reading, clipping, filing and reporting upon these current events form an interesting and valuable part of the course.

9.—INDUSTRIAL AND SOCIAL HISTORY OF ENGLAND. *Two hours credit.*

First Semester.

Senior College. Prerequisite, courses 5 and 6. This course is recommended to round out the study of English history. Mediæval rural and town life, trade and commerce, the economic changes of the fourteenth and fifteenth centuries that resulted in the breaking up of the mediæval system, the industrial revolution with its momentous results, the extension of government control shown in the factory

laws, modification of land ownership, sanitary regulations and government industries, and the development of trade-unions, trusts and coöperation, are the principal topics of study.

10.—THE REFORMATION. *Two hours credit.*

Second Semester.

Senior College. This course gives consideration to the general struggle between the old and the new order of things, the modern nations which were rising into power, and the need of reform before the revolt occurred. The individual reformers, together with the revolt and the counter-revolt in the various countries, are objects of study. The religious, political and economic results of the movement complete the study.

11.—THE FRENCH REVOLUTION. *Two hours credit.*

Second Semester.

Senior College. To understand the social, economic and political conditions in France which were outgrown, and the origin and growth of the revolutionary spirit, is quite as necessary as to trace the history of the destruction of abuse and the struggle for liberty and rights. The course offers a study in social psychology and the political theories of the time, as well as a history of the Revolution itself.

12.—MEDIÆVAL INSTITUTIONS. *Two hours credit.*

On sufficient demand.

Senior College. An intensive study of a number of select problems in mediæval social, political and religious institutions.

13.—THE HISTORY OF GERMANY SINCE 1740. *Two hours credit.*

First Semester.

Junior College. This course deals with the more important events of German history from the ascension of Fredrick the Great to the present time. The rise of modern Germany has long attracted the attention of American students, and the role she is now playing in the present European war makes her past and present a matter of special interest. The treatment of German life in all its aspects furnish a good historical background for the student of the German language.

14.—THE HISTORY OF FRANCE. *Two hours credit.*

Second Semester.

Junior College. This course attempts to present the leading facts of French history from early Roman times to the present, and is especially recommended to students of the modern languages and Latin.

15.—THE TEACHING OF SECONDARY HISTORY. *Two hours credit.*

Summer Term, and each Semester.

Senior College. Open, by consent of instructor, to Junior College students. This course is intended to meet the needs of high-school teachers of history. It considers the nature and scope of history, the sources of historical knowledge, evidence and criticism, the past and present points of view in regard to the subject. The discussions cover the aims and values of historical study, the history program for the high school, materials and methods of instruction. Each student is expected to work out bibliographies for various history courses, criticize textbooks, select lists for library reference works, and report in current historical articles. Observation and criticisms of high-school history classes form an important part of the course.

16.—SEMINAR IN EUROPEAN HISTORY. *One hour credit.*

Summer Term, and each Semester.

Senior College. Intensive study of a limited period or a special phase of social or political development with a view to training in historical method and use of the sources. Subjects vary from year to year.

Home Economics.

Professor BEYE.

Miss SAWYER.

HOUSEHOLD ART.

Miss SAWYER.

Students in this department should plan the work very carefully so that all prerequisite work may be completed by the time they wish to take a certain course. The student furnishes her own material for garments made. The fees charged are to cover supplies used in addition.

A maximum of twenty-five hours in either Household Art or Household Science constitutes a major in this department. A minor of fifteen hours should be selected from Biology and Geology, Physiology and Hygiene, Chemistry, or Drawing.

A special certificate to teach Home Economics in Kansas high schools is used for work in this department. For requirements for the certificate, see page 49.

1.—PLAIN SEWING. *Two hours credit.*

Summer Term, and Second Semester.

Junior College. No prerequisite. This course may be taken to meet two hours of the requirements for the Special Proficiency Certificate for Rural-school Teachers. The course deals with general principles of hand-sewing, straight-line drafting, plain garment making, machine work and the study of line and color in dress.

2.—SEWING AND TEXTILES. *Four hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite. A prerequisite to all succeeding Household Art courses. The aim is to teach students to be able to do accurate, machine and hand work neatly and skillfully. A study of spinning and weaving; of fibers with comparison as to price, appearance, uses and wearing qualities; of dyes and dyeing processes and their effect upon the fibers; identifications of materials and their intelligent buying and use. Fee, \$1.25.

3.—DRAFTING AND MACHINE WORK. *Four hours credit.*

Summer Term, and Second Semester.

Junior College. Prerequisite, Sewing and Textiles, and Elementary Free-hand Drawing. Required of all students majoring in Household Arts. This consists of a study of the use of patterns, cutting, fitting, and making of simple cotton and linen garments. A complete course in drafting and designing of patterns for waists and dresses in preparation for course 6. Fee, 75 cents.

4.—ART NEEDLEWORK. *Four hours credit.*

Summer Term, and First Semester.

Junior College or Senior College. Prerequisite, Elementary Free-hand Drawing, Elementary and Applied Design, Household Art 1 or 2. This course is designed to familiarize the student with the simple

stitches used for finishing or decoration of articles of clothing or house-furnishings. The course includes different kinds of embroidery, chocheting, knitting and tatting.

5.—MILLINERY. *Four hours credit.*

Second Semester.

Junior College or Senior College. Prerequisite, same as for Art Needlework. The course includes a study of styles of both fall and spring, individual styles and suitability of materials, designing and making of frames of wire and buckram, covering of frames, lining hats, draping and trimming of hats, making of bows, flowers, ornaments, etc.; each girl making herself at least one large hat. Fee, \$1.50.

6.—DRESSMAKING. *Four hours credit.*

Summer Term, and First Semester.

Senior College. Prerequisite, Household Arts 3, Elementary Free-hand Drawing, Elementary and Applied Design. A study of all materials and trimmings suitable for dresses. Shrinkage or any special treatment before and cautions to be observed while sewing the different materials. Consideration is given to color, adaptation of materials, proportions and individual styles applied in making tailored skirt, lingerie waist and silk dress. Fee, 50 cents.

HOUSEHOLD SCIENCE.

Professor BEYE.

EQUIPMENT OF STUDENTS.

Students must be supplied with two white or unbleached crash holders 6 x 8 inches; two white or checked hand towels made of linen cup toweling, eighteen inches square; two pairs of white, plain half-sleeves; two white aprons and caps of certain style—directions for making may be secured from the department. Students must also be supplied with wash waists for the laboratory, and also should have one simple white dress.

7.—FOODS. *Two hours credit.*

Summer Term.

Junior College. May be taken for two hours of required work for the Special Proficiency Certificate for Rural-school Teachers. This course is designed to meet the needs of rural teachers who desire some general knowledge of foods in order to do some domestic science teaching in their schools. It is a desirable course for housekeepers. Fee, \$3.50.

8.—HOME-MAKERS COURSE. *Four hours credit.*

Each Semester.

Formerly known as Elementary Food Preparation. A course planned primarily for those not majoring in home economics, and includes practice cooking, serving of meals and a study of house furnishings. Required of all students who expect to major in home economics and who have not had high-school cooking.

9.—ADVANCED FOOD PREPARATION. *Four hours credit.*

Each Semester.

Junior College. Prerequisite, High-school Physics, General Chemistry, and course 8 for students who have not had high-school cooking. The course contains a study of the kitchen; plan, equipment, standard measures, fuels and temperatures; nature and uses of foods; source, condition, chemical composition and functions in the

body; the food principles, with special study of economic and æsthetic values, and principles governing selection, preparation, and manipulation of foods, proteins, fats, water, mineral matter. Fee, \$6.

10.—SERVING. *Three hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, Home Economics 7, 8, or 9. In this course attention is given to the preparation of full meals for varying numbers of persons; the balancing of meals; æsthetic cookery and serving; various methods of serving, buffet, cafeteria, table service, the dining room, table equipment, and proper service of meals differing in type and formality. Emphasis is placed on the æsthetic and economic sides of the selection and preparation of the materials. Always given from 10:30 to 2. Fee, \$3 to \$6.

11.—SPECIAL METHODS IN HOME ECONOMICS. *Two hours credit.*

Summer Term, and Second Semester.

Junior College. Prerequisite, one course in each Household Science and Household Art. This includes the planning of courses in both household science and household art for the children of the grades, also the methods of presentation and the study of equipment. This course is prerequisite to practice teaching in the Training School.

12.—ECONOMIC USE OF FOODS. *Four hours credit.*

First semester.

Senior College. Prerequisite, course 9, Qualitative Analysis, three hours of Physiology and three hours of Bacteriology. The course includes a study of food preservation and reasons for the same. The use of preservatives; a study of bacteria and their relation to food preservation. Carbohydrates; classes, chemical composition, digestion, and application of heat in their preparation for the table; bread and the principles of bread making; food values and nutrient equivalents; the preparation of meals, their proper service and cost. Fee, \$6.

13.—DIETETICS. *Four hours credit.*

Second Semester.

Senior College. Prerequisite, Home Economics 9 and 12, Organic Chemistry. The course includes the study of nutrients found in various foods, the proper balancing of meals; the chemistry of food and nutrition; discussion of the healthful diet for persons in normal conditions of health but differing in occupation; influence of climate and seasons upon needed changes in diet; diet in disease; effect of various food constituents upon any one disordered digestive agent; invalid cookery. Fee, \$3.

14.—HOUSE AND HOME. *Four hours credit.*

First Semester.

Senior College. Prerequisite, Elementary Drawing, Elementary and Applied Design, Bacteriology. A series of general lessons in home keeping. A study of the house, its location, lighting, ventilation, plumbing, drainage, water supply and plan. A study is made of cleansing agents, sanitation, fumigation, household pests, the home, the family, its evolution and relations to the home; the house interior, bathrooms, sinks, cellars, ice chests, carpets, furnishings, cost of materials, plan and color schemes for interiors.

16.—TEACHERS' COURSE IN HOME ECONOMICS. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, General Psychology, General Methods and Observation, Home Economics 2, 3, 6, 9, 12 and 14. This

course includes methods in both household art and household science and is required of all persons expecting to be recommended from the department as household science or household art teachers or supervisors. It includes the study of the history of home economics and education of women, together with studies in equipment and supplies, courses of study and lesson plans. Home economics classes are observed in different schools.

Latin.

Professor HOLTZ.
Mr. BLACK.

EQUIPMENT.

The department is supplied with maps of the Roman world, ancient Italy, Gaul, Rome and its environment, the city of Rome and the Roman Forum; also with wall pictures, costumes, and statuary of classical subjects. The library contains a large and well-selected supply of reference books that will compare favorably with similar collections in the leading colleges and universities of the Middle West. Bound sets of the leading classical journals, as well as the current numbers, are always accessible to students. The department owns lantern slides, illustrating Cæsar's campaigns, the Saalberg camp, the Story of the Æneid, and Roman Antiquities. Students also have the advantage of several hundred post cards and small photographs suitable for use in the reflectoscope, and a carefully developed "Sabin Exhibit."

ENTRANCE.

Students entering with the required units of high-school credit may take any course for which they are prepared, and receive college credit when they satisfy the department that the character of their work is of college grade. Students with no Latin credit will take Elementary Latin; those with one unit credit will take Cæsar; those with two units, Cicero's Orations; with three units, Virgil's Æneid; with four units, Livy or Cicero's Essays. Students who have not had the equivalent of one hour per week in Latin composition for second and third years' work in the high school will be conditioned in composition, pending an examination, or allowed to make up the requirement in the Normal Training High School classes.

A minimum credit for a year of elementary Latin will count toward graduation. All other courses will be recorded as per catalogue hours.

CHOICE OF OTHER SUBJECTS.

As the work of the student in History, Science, English, Modern Language, Mathematics—in fact, in every academic subject—is materially aided by the study of Latin, so the student of Latin should enrich his training with courses in the above departments. A student who expects to teach Latin should make special preparation to teach one or two other subjects in order to meet the demands of the average high school. Of the three hundred fifty teachers of high-school Latin in Kansas, the majority teach the following combinations: Latin and German; Latin and History; Latin and English; Latin and Science. Our teacher's bureau sometimes has calls for a teacher of Latin and Normal Training; Latin and Music; Latin and Commerce; Latin and Mathematics.

MAJOR AND MINOR.

A major in Latin consists of twenty-five hours above the three years of entrance requirements. A minor of fifteen hours may be selected from any department agreed upon by the student and his adviser. A general foreign language major consists of fifteen hours of college Latin (above the three years entrance requirement), and the same number of hours of college grade in one modern language.

Before completing a major or before securing a departmental or Normal Appointment Bureau recommendation, a student must make satisfactory records in the following courses: Virgil, Cicero's Essays or Livy, Advanced Composition, Latin Grammar, The Odes of Horace, Methods in High-school Latin. The remaining quota of hours will be selected upon consultation with the head of the department.

Under minor subjects, any of the following lines are recommended: German, two years (beyond entrance requirement); History, Greek and Roman, Western Europe, American Constitutional Period; General Sociology; Mathematics, Advanced Algebra, Solid Geometry, Trigonometry and Surveying; English (in addition to the regular requirement), Epic Poetry, Tennyson, Shakespeare; Science, Physics, Chemistry, Botany or Zoölogy, Physiology; Pedagogy, History of Ancient Education, Secondary School Administration, History of Philosophy, Psychology of Adolescence; Public Speaking.

HIGHER UNIVERSITY DEGREES.

ERRATA:

A year's work each for Elementary Latin, Caesar, Cicero and Virgil will be offered with five hours credit per semester, according to previous catalogue.

tials in Latin forms and syntax, together with the adequate vocabulary for the reading of short continuous passages. Every effort is made to impress the student with the relation of Latin to the life of to-day. The correlation of Latin with English is especially emphasized.

2.—CÆSAR. *Five hours credit.*

Summer Term and each Semester.

Junior College. Extended translation; daily drill in syntax and composition with stress upon case usage. A contrast of Cæsar and the Kaiser in France and Belgium. The German movement westward is as old as Cæsar and Ariovistus. All work prepared with the aim of subsequently teaching the subject. Walker's or Bennett's Cæsar, Bennett's Latin Grammar, Bennett's New Composition, Part I.

Syntax of modes, careful translation by assignment and at sight, Composition text completed. Campaigns, English derivatives, summaries of Books V-VII. Open to mature students with credit on one and a half years of Latin. Courses 1 and 2 recommended to all students of Roman history.

course includes methods in both household art and household science and is required of all persons expecting to be recommended from the department as household science or household art teachers or supervisors. It includes the study of the history of home economics and education of women, together with studies in equipment and supplies, courses of study and lesson plans. Home economics classes are observed in different schools.

Latin.

Professor HOLTZ.
Mr. BLACK.

EQUIPMENT.

The department is supplied with maps of the Roman world, ancient Italy, Gaul, Rome and its environment, the city of Rome and the Roman Forum; also with wall pictures, costumes, and statuary of classical subjects. The library contains a large and well-selected supply of reference books that will compare favorably with similar collections in the leading colleges and universities of the Middle West. Bound sets of the leading classical journals, as well as the current numbers, are always accessible to students. The department owns lantern slides, illustrating Cæsar's campaigns, the Saalberg camp, the Story of the Æneid, and Roman Antiquities. Students also have the advantage of several hundred post cards and small photographs suitable for use in the reflectoscope, and a carefully developed "Sabin Exhibit."

ENTRANCE.

Students entering with the required units of high-school credit take any course for which they are prepared when they enter. Students of college grade may enter at the discretion of the department, pending an examination, and may make up the requirement in the Normal Training High School classes.

A minimum credit for a year of elementary Latin will count toward graduation. All other courses will be recorded as per catalogue hours.

CHOICE OF OTHER SUBJECTS.

As the work of the student in History, Science, English, Modern Language, Mathematics—in fact, in every academic subject—is materially aided by the study of Latin, so the student of Latin should enrich his training with courses in the above departments. A student who expects to teach Latin should make special preparation to teach one or two other subjects in order to meet the demands of the average high school. Of the three hundred fifty teachers of high-school Latin in Kansas, the majority teach the following combinations: Latin and German; Latin and History; Latin and English; Latin and Science. Our teacher's bureau sometimes has calls for a teacher of Latin and Normal Training; Latin and Music; Latin and Commerce; Latin and Mathematics.

MAJOR AND MINOR.

A major in Latin consists of twenty-five hours above the three years of entrance requirements. A minor of fifteen hours may be selected from any department agreed upon by the student and his adviser. A general foreign language major consists of fifteen hours of college Latin (above the three years entrance requirement), and the same number of hours of college grade in one modern language.

Before completing a major or before securing a departmental or Normal Appointment Bureau recommendation, a student must make satisfactory records in the following courses: Virgil, Cicero's Essays or Livy, Advanced Composition, Latin Grammar, The Odes of Horace, Methods in High-school Latin. The remaining quota of hours will be selected upon consultation with the head of the department.

Under minor subjects, any of the following lines are recommended: German, two years (beyond entrance requirement); History, Greek and Roman, Western Europe, American Constitutional Period; General Sociology; Mathematics, Advanced Algebra, Solid Geometry, Trigonometry and Surveying; English (in addition to the regular requirement), Epic Poetry, Tennyson, Shakespeare; Science, Physics, Chemistry, Botany or Zoölogy, Physiology; Pedagogy, History of Ancient Education, Secondary School Administration, History of Philosophy, Psychology of Adolescence; Public Speaking.

HIGHER UNIVERSITY DEGREES.

Candidates for the higher degrees in a majority of the universities are required for two to four years of entrance Latin and for a reading knowledge of at least one modern language. Students should not overlook this fact in planning for advanced work in the universities.

ELEMENTARY LATIN. *Five hours credit.*

Summer Term, and each Semester.

Junior College. This course aims to secure a mastery of the essentials in Latin forms and syntax, together with the acquisition of an adequate vocabulary for the reading of short continuous passages. Every effort is made to impress the student with the relation of Latin to the life of to-day. The correlation of Latin with English is especially emphasized.

2.—CÆSAR. *Five hours credit.*

Summer Term and each Semester.

Junior College. Extended translation; daily drill in syntax and composition with stress upon case usage. A contrast of Cæsar and the Kaiser in France and Belgium. The German movement westward is as old as Cæsar and Ariovistus. All work prepared with the aim of subsequently teaching the subject. Walker's or Bennett's Cæsar, Bennett's Latin Grammar, Bennett's New Composition, Part I.

Syntax of modes, careful translation by assignment and at sight, Composition text completed. Campaigns, English derivatives, summaries of Books V-VII. Open to mature students with credit on one and a half years of Latin. Courses 1 and 2 recommended to all students of Roman history.

4.—CICERO I. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, two years of Latin. The four orations against Catiline. The conspiracy of Catiline with reference to Roman social and political life and comparisons with modern social conditions. Translation by assignment and at sight. Syntactical study stresses conditional sentences. Analysis of each oration. Prose composition based upon the text. English derivatives. D'Ooge's or Johnston's Cicero, Bennett's Latin Grammar, Bennett's and D'Ooge's Composition texts.

5.—CICERO II. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Careful reading of the Manilian Law, Archias and Marcellus. Daily prose based upon text in addition to the regular one hour per week. Incidental study of Roman political institutions. Exercises in translation on sight and hearing. Cicero I and II recommended to those majoring in European history.

6.—VIRGIL I: ÆNEID, I-III. *Three hours credit.*

First Semester.

Junior College. Daily translation. Designed to secure an appreciation of Virgil's style and delineation of character. Studies in mythology and careful practice in metrical reading. Papers and reports. Open only to those who have had three years in Latin not including Virgil. Knapp's Virgil. Bennett's Grammar, Gurber's Myths of Greece and Rome.

7.—VIRGIL II: ÆNEID, IV-VI. *Three hours credit.*

Second Semester.

Junior College. Metrical reading at sight, case and verb constructions, and poetic expressions. Papers and reports. Summary of the remaining books of the Æneid. The author's place in literature. The two courses in Virgil are recommended to all who expect to teach high-school English.

8.—CICERO: DESENECTUTE, AND SELECTIONS FROM DEAMICITIA.

Three hours credit.

First Semester.

DeSenectute (*two hours credit*) will be given in Summer Term.

Junior College. Prerequisite, courses 6 and 7. Careful translation by assignment and at sight, with daily drill in syntax of modes and tenses; special attention to the classification of subordinate clauses; daily composition based upon the text. Recommended to advanced students of English and to those who continue the study of Latin beyond Virgil. It is suggested that the course in Advanced Composition or Latin Grammar, two hours credit, be taken at the same time.

9.—LIVY: BOOK XXI, SELECTIONS FROM BOOK XXII. *Three hours credit.*

First Semester.

Junior College. Translation by assignment and at sight. Syntax of modes, tenses, and subordinate clauses. Daily prose based upon the text. It is recommended that students in Livy enroll also for Advanced Composition or Latin Grammar, two hours.

10.—HORACE: SELECTED ODES AND CARMEN SÆCULARE. *Three hours credit.*

Second Semester.

Junior College or Senior College. Translation, analysis, study of Horatian meters. Special topics for reports and papers. It is

recommended that the course in Roman private life or the grammar review course be carried in connection with Horace. Required of all who complete a major in the department. Must be preceded by Virgil.

11.—TACITUS: GERMANIA AND ARGICOLA. *Three hours credit.*

Not offered in 1915-1916.

Senior College. Introductory to the language and style of Tacitus. In connection with the translation, matters of historical importance and literary merit are brought out.

12.—LATIN COMEDY: THE CAPTIVI OF PLAUTUS AND SELECTIONS AND THE PHORMIO OF TERENCE. *Three hours credit.*

Summer Term.

Junior College or Senior College. Should be preceded by courses 8 or 9, and 10. Attention given to vocabulary, anteclassical forms and constructions, scansion, and idiomatic English in translation. Students should take 13 or 14 at the same time.

13.—LATIN GRAMMAR. *Two hours credit.*

Summer Term, and on sufficient demand.

Junior College. Open to all students with credit in three years of Latin. Designed first as a review for high-school teachers. Syntax of dependent clauses, with especial stress upon the subjunctive. Classification of case and mode usages in Cæsar and Cicero. Prose composition. Second, as a study of the latest and most conservative on the principles of the Latin language. Bennett's Syntax of Early Latin; Hale and Buck's Grammar. Required of all students completing a Latin major.

14.—ROMAN PRIVATE LIFE. *Two hours credit.*

Second Semester.

Junior College or Senior College. Study of the life, social customs, dress, travel, and kindred topics from the remains of ancient art and archæology, and in particular from the ruins of Rome and Pompeii. Lectures, library research and reports. Use of pictures, lantern slides and models. Designed to supply supplementary knowledge for high-school Latin and history teaching. No prerequisite.

15.—ADVANCED COURSE IN COMPOSITION. *Two hours credit.*

First Semester.

Junior College and Senior College. Nutting's Advanced Composition or its equivalent. Practice in writing connected discourse. Intended to accompany courses 8 and 9, or 11. Recommended to all who expect to teach Latin.

16.—TEACHING OF SECONDARY LATIN. *Two hours credit.*

Summer Term.

Senior College. Required of advanced students who expect to teach Latin. Course deals with the educational values of ancient language study and the relation of those languages to the language and life of to-day; with the principles underlying the teaching of Latin; with methods in dealing with specific problems; and with topics in Latin teaching; with supplementary material, lantern slides, pictures, songs, playlets and plays, organization and programs for Latin clubs, exhibits, lectures, reports, papers, etc.

17.—ADVANCED CÆSAR. *Two or three hours credit.*

Second Semester. (Not offered in 1915-1916.)

Rapid reading from books V-VII. A critical study of the Gallic campaigns. Library research and critical papers. Intended as a

teachers' practice. Courses in Virgil, Cicero's Essays, Horace, and Advanced Composition should precede. The student is recommended to take course 13 or 14 along with course 17.

18.—CLASSICAL DRAMA. *One or two hours credit.*

A study of leading ancient plays in translation. The presentation of a classical play in Latin or English. Open to students by invitation.

Library Science.

Professor BUCK.

These courses are open to accredited high-school graduates, and may be completed in one year (September-June) if the student so chooses.

The student who takes only library science work is classed as *irregular* and is held to the payment of *irregular* fees indicated under the head of "Fees" on an earlier page of this catalogue, in addition to other fees. Students preparing for positions as librarians should be able to use a typewriter. A fee of \$4 per semester for the use of a machine is charged students taking the course in typewriting.

A maximum of twenty-five hours constitutes a major in Library Science. A minor of fifteen hours should be taken from the Department of English, Foreign Languages, History, General Pedagogy or Economics and Sociology.

METHOD OF INSTRUCTION:

There are few textbooks on library subjects, and instruction is largely in the form of lectures and assigned readings, followed by practice work under supervision, with discussion of both theory and practice.

1.—LIBRARY METHODS. *One hour credit.*

Summer Term, and each Semester.

Introduction to arrangement of books in Kellogg Library; use of catalogue and indexes; helps in selection of books for school libraries; guides to choice of books for school libraries; guides to choice of books for individual reading; school and public library interrelations. Includes lessons in library training for use in the grades. Required.

2.—REFERENCE. *Three hours credit.*

First Semester.

Promotes familiarity with well-known reference books, with use of indexes to periodicals and general literature, with general and specific cyclopedias, dictionaries, annuals, and ready-reference manuals, by systematic search for material with which to answer typical reference questions. Quite an advantage to the student who elects it early in his course of study.

3.—BIBLIOGRAPHY. *Three hours credit.*

Second Semester.

Supplements the study of reference books and children's literature, bringing to the student knowledge concerning the existence of books in certain selected fields; of what they may do for him, both as helps toward general culture and as tools in grammar grades and high-school work.

4.—PUBLIC DOCUMENTS. *Two hours credit.*

First Semester.

Intended to familiarize the student with the organization and publications of various government departments; methods employed in printing, binding, indexing and distributing; history of government publications; selection of material of school libraries, with value for reference work and supplementary reading as a basis.

5.—CHILDREN'S LITERATURE. *Three hours credit.*

Summer Term, and First Semester.

Consideration of methods of interesting children of grades 1 to 8 in good literature; principles of book selection; study of types of the best modern children's books; establishment of wider knowledge of children's books by actual examination and reading. Better taken in Sophomore than in Freshman year. For best results, General Methods and Observation, Primary Methods and Child Psychology should precede.

6.—STORY TELLING. *Three hours credit.*

Summer Term, and Second Semester.

Aims to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades, including high school. Better following than preceding Children's Literature.

7.—BOOK MAKING. *Two hours credit.*

Second Semester.

Earliest records; history of writing and famous manuscripts; paper making; origin and development of printing; early printer-publishers; noted modern presses; book illustration; bookbinding from the historic point of view; growth of the book trade.

8.—LIBRARY HISTORY. *Two hours credit.*

First Semester.

A study of the foundation and development of leading ancient, mediæval and modern libraries, with special attention to the library movement in the United States, including library commissions, traveling libraries, and relation of public libraries and public schools.

9.—LIBRARY ECONOMY. *Two hours credit.*

First Semester.

Instruction follows regular library routine—selection of books, order, accession, shelf-listing, preparation for the shelves, binding and repair.

10.—CLASSIFICATION OF BOOKS. *Three hours credit.*

First Semester.

The decimal classification is taught, books being classified by each student, the work revised and discussed in class. The expansive and other systems are described. For book numbers, use of the Cutter alphabetic-order table is taught. Should precede Cataloguing.

11.—CATALOGUING. *Four hours credit.*

Second Semester.

Instruction confined to dictionary cataloguing, special emphasis being laid upon underlying principles. Simplified library school rules. Cutter's rules for a dictionary catalogue, A. L. A. rules, and A. L. A. list of subject headings, are used as basis for instruction. Simple cataloguing for public documents is included.

12.—ORGANIZATION AND ADMINISTRATION. *Two hours credit.*

Summer Term, and Second Semester.

Principles applicable to school libraries and to small public libraries. Prerequisites, Public Documents, Library History, Library Economy, Classification of Books, and Cataloguing.

Manual Training.

Professor BRAUCHER.
Mr. WELLS.

The courses in Manual Training are outlined with the purpose of giving all teachers who can avail themselves of the opportunity a thorough general knowledge of the subject as used in our public schools as a means of general education. The courses are elective and open to all students who may wish to prepare for teaching handwork in schools. For the purposes of superintendents and principals, and candidates for the Certificate of Special Proficiency in Intermediate and Grammar Grades or Rural School Teaching, the general courses may be modified to meet the particular needs of the individuals electing them. Students majoring in agriculture, physics or mathematics may also have the general courses modified to meet their particular needs. The course in primary handwork is planned with special reference to the needs of primary teachers. The courses in drawing and woodwork are arranged in their order of sequence, and should be taken in regular order unless special reasons show a need for changing it. Our equipment is limited.

A maximum of twenty-five hours constitutes a major in Manual Training. A minor of fifteen hours should be selected from the work of another department. Suggested minors are Agriculture, Physical Training, Physical Science, and Commerce.

A special certificate to teach Manual Training in Kansas high schools is issued for work in this department. For requirement for this certificate, see page 49.

1.—MECHANICAL DRAWING. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, Plane Geometry. A course in the elements of mechanical drawing, beginning with geometrical constructions and dealing with orthographic, isometric and cabinet projections, surface developments, intersections, shadows, etc. Working drawings are required to give training in the application of mechanical drawing to accurate expression in the industries. An effort is made to get practical results, while at the same time giving as much of the theoretical principles as the time will permit. Supplies, \$2.50 per semester.

2.—FARM CARPENTRY. *Three hours credit.*—SHOP PROBLEMS. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Courses dealing with the problems of the shop, and outdoor construction. It takes up the more important problems of construction, and considers them from the standpoint of the practical carpenter and the mathematician, applying those parts of mathematics that have a practical bearing upon the task in hand. These courses can best be taken together, but credit will be granted for either separately, if the student so elects.

3.—WOODWORKING. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 1. A course in elementary woodworking for mature students who have some ability and training in the use of woodworking tools, but have not applied this skill to preparation for manual training. The work at the bench will include exercises in designing and making problems suited to manual training for children in the grades, to give a knowledge of work suitable for the beginner. Deposit for supplies, \$2 to \$5.

4.—JOINERY AND CABINETMAKING. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, courses 1 and 3. A course in advanced woodworking, dealing with more extensive problems in wood construction in which a large use is made of joints and panels. Problems requiring student initiative and adaption will be assigned, involving practical applications of constructive design and the selection of appropriate principles of construction. Deposit for supplies, \$3 to \$6.

5.—FURNITURE DESIGN. *Two hours credit.*

Summer Term, and Second Semester.

Junior College. Prerequisite, courses 1 to 4, inclusive. A course in furniture design suitable for advanced manual training projects, including sketches, completed drawings, and rods necessary for making one or more pieces of furniture of correct outlines and proportions in the next course which follows, and should be taken at the same time with it. Deposit, 50 cents to \$2.

5a.—FURNITURE MAKING. *Three hours credit.*

Summer Term, and Second Semester.

Junior College. Prerequisite, courses 1 to 5, inclusive. A course in furniture making, following the designing of same, to give practice in the use of tools, and their application to the special problems of furniture construction. Deposit, \$5 to \$10 for materials.

6.—WOOD TURNING. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, sixteen hours manual training. A course in wood turning, beginning with elementary exercises in spindle turning, with applications. Some problems in face-plate and chuck work will be given, together with as wide application of the work to practical construction as time will permit. Deposit for supplies, \$2 to \$5.

7.—PRIMARY HANDWORK. *Two hours credit.*

Summer Term, and each Semester on demand.

Junior College. A course for primary and grade teachers who wish a knowledge of handwork suited to their needs in connection with the regular work. It deals with projects requiring materials suited to the use of children in the first to the fifth grades. Deposit, \$1 per semester.

8.—THEORY AND PRACTICE. *Two hours credit.*

Summer Term, and Second Semester.

Senior College. Prerequisite, sixteen hours Manual Training. A methods course, required of students expecting to qualify for Manual Training Certificate, and offer to advanced students of education, without the prerequisites, who wish to learn something of the content of manual training for administrative purposes. No tool work is offered in this course, but the time will be given to readings, reports, and discussions of the theory and practice of manual training in education. Courses of study, textbooks, equipments, supplies, etc., are studied.

Mathematics.

Professor LINDQUIST.
Associate Professor ELLIS.
Mr. KELLER.
Miss HANSEN.
Miss WRIGHT.

A maximum of twenty-five hours, which is to include course 11, Teaching of Secondary Mathematics, constitutes a major. Course 2, Teaching of Arithmetic, is also strongly urged for those who may do supervisory work. A minor of fifteen hours will be selected in a department best suited to the student upon consultation with the advisor. Those selecting mathematics as a minor are advised to take course 11, and course 2 if they may do supervisory work.

1.—ADVANCED ARITHMETIC. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, one year each of Algebra and Geometry. Not a review of grade arithmetic, but an advanced course designed to give teachers a broader and more comprehensive view of the science, together with material for classroom use. A historical survey of our system of numbers and measures, the relation between numbers. The fundamental principles, their applications, and interrelations. The unification of the subject matter. Graphic arithmetic. This course is for those who have not had arithmetic in high school.

2.—TEACHING OF ARITHMETIC. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, same as for course 1, and Review Arithmetic. Arithmetical language, relation of numbers, literal arithmetic, oral work, drills, securing of interest. Eliminations, additions, and modifications of the course of study. A study of each topic taught in the grades, from the standpoint of position in the course of study, importance, relation to other topics of arithmetic and to other studies, its general application, and best methods of presentation. Not open for credit to students who have had course 1.

3.—ADVANCED ALGEBRA AND ITS APPLICATIONS. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisites, one year each of Algebra and of Geometry. The fundamentals of algebra and the reasons underlying the fundamental operations with positive and negative exponents. A review of factoring. Theory of exponents, surds and imaginaries. Theory of quadratic equations in one and in two variables, with applications. Graphs. Ratio, proportion and variation. Series, limits, logarithms, and use of the slide rule. Applications of algebra to physics, mechanics, mensuration and numerous vocations. Only for students who have had but one year of algebra in high school.

4.—SOLID GEOMETRY. *Three hours credit.*

Summer Term, and First Semester.

Junior College. Prerequisites, one year each of Algebra and of Plane Geometry. Straight line in space, the plane, and the more common solids, as parallelopiped, prism, pramid, cylinder, cone and sphere. Application to problems throughout.

5.—TRIGONOMETRY. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 3, or its equivalent. Plane trigonometry; trigonometric functions, solution of right triangles by use of natural functions, solution of the right and of the oblique triangle by logarithms, radian measurements, trigonometric equations and numerous applications to practical problems. Right spherical triangles.

6.—SURVEYING. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 5, or to be taken simultaneously with course 5, which is recommended. A practical supplement to the course in trigonometry, dealing with its most common applications. For this reason it is advisable to have the two taken simultaneously. Sufficient work is done with the transit and level to familiarize the students with the ordinary work of the surveyor.

7.—COLLEGE ALGEBRA. *Five hours credit.*

Each Semester.

Junior College. Prerequisite, course 3, or a satisfactory equivalent. Functions and graphs. Inequalities. Complex numbers. Theory of equations. Permutations, combinations and probabilities. Determinants. Partial fractions. Logarithms. Series.

7a.—COLLEGE ALGEBRA. *Three hours credit.*

Summer Term only.

Junior College. Prerequisite, same as for 7. Selected topics from the regular course 7 which will be of greatest value to the student in his future study of mathematics. Intended for students attending the summer session who can not take course 7 during the year.

8.—ANALYTICS. *Four hours credit.*

First Semester.

Junior or Senior College. Prerequisite, course 5; it is advised that course 7 either precede or accompany it. Coördinates, locus of an equation, equation of a locus, straight line; the more common curves, as circle, parabola, etc., and the relations between them. Plane analytics only will be considered.

8a.—ANALYTICS. *Three hours credit.*

Summer Term only.

Junior or Senior College. Prerequisite, same as for 8. Selected topics from course 8, which will be of most value to students attending during the summer who are unable to take course 8 through the year.

9.—CALCULUS. *Seven hours credit.*

Through the year; three hours First and four hours Second Semester.

Junior or Senior College. Prerequisite, course 8. Differentiation, higher and partial derivatives, maxima and minima of functions, curvature, tracing of simple curves, indeterminate forms, series, the expansion of functions and numerous applications to problems in mechanics and physics. Integration, reductions to standard forms, use of integrating tables, definite integrals, finding of areas, volumes, lengths of curves, numerous applications to problems of physics. Differentiation and integration will be carried on simultaneously so as to bring out the connection between them the more clearly.

10.—ASTRONOMY. *Two hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, Plane Geometry. The usual work of descriptive astronomy will constitute the course.

11.—TEACHING OF SECONDARY MATHEMATICS. *Four hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, course 5. A critical historical survey of recent and present-day movements in the teaching of secondary mathematics, correlation of subjects, creation of interest, tests and examinations, definitions and axioms. Consideration of the topics of algebra, geometry and elementary trigonometry from the standpoints of presentation, placing of emphasis, difficulties and their remedies, making of problems and the collection of data for the same, historical points of reference connected with each. Observation of model teaching in the Training High School.

12.—HISTORY OF MATHEMATICS. *Two hours credit.*

Summer Term, and Second Semester. (Not given 1916-'17.)

Prerequisites, courses 5 and 7.

13.—COMMERCIAL ARITHMETIC. *Two hours credit.*

Summer Term, and First Semester.

Junior College. Arithmetic from the standpoint of the business man and the commercial teacher. Emphasis will be placed upon the most approved forms of business computations used to-day, together with improvements on the same. Drills, short cuts, etc.; a study of the most valuable ones, their applications, best manner of presenting same to a class.

Modern Languages.

Professor DUDLEY.

Miss BROOKOVER.

Miss STADLER.

The equipment of the Department of Modern Languages consists of about five hundred department books in the library, including a fairly complete list of reference books, a complete set of two hundred twenty volumes of the Deutsche National-Litteratur and a set of the Allgemeine Deutsche Biographie; one philological, one pedagogic, two literary periodicals, a weekly German newspaper, and one French periodical; a wall map of France, and two physical maps and one political map of Germany, a wall map for Schiller's Wilhelm Tell; a set of eight Holzel and Holz pictures for use in free composition and in methods; a spectro-scope and several hundred post cards of various parts of Germany and France, and illustrating various phases of life in those countries; an increasing collection of framed prints and photographs, including those of statesmen and writers; Kürschner's Das ist des Deutschen Vaterland; Könnecke's Bilderatlas zur Geschichte der deutschen Nationalliteratur. La France, a finely illustrated geographical description of France in two volumes.

MAJOR.

A maximum of twenty-five hours of college German, to which two units of high-school German or the equivalent are prerequisite, constitutes a major in German. If no entrance credit is offered in German a mini-

mum of ten hours of college work must be taken in the department before credit will be given toward graduation. Students choosing a general language major may elect, in addition to the entrance requirement in language, a minimum of fifteen hours of college German, with fifteen hours of Latin or French.

German may be elected as a minor in combination with a major in any other department, in which case one year of high-school German or five hours of college German is prerequisite to the fifteen hours required for a minor.

MINOR.

A minor of fifteen hours must be selected from the work of other departments. The following minors are suggested: History, English, Science, General Pedagogy, Latin. In addition to the major and minor requirements students majoring in German are urged to take the following subjects which broaden and strengthen the major: Advanced English, six to eight hours; French, ten hours; European History, six to eight hours; Sociology, three to six hours; Public Speaking, three hours.

1.—ELEMENTARY GERMAN. *Five hours credit.*

Summer Term, and each Semester

Junior College. Prerequisite, course 1 or two units of high-school German. The course is intended to strengthen the student's feeling for the German prose of to-day. Fulda's *Unter vier Augen*, Wildenbruch's *Das edle Blut* or *der Letzte*, Seidel's *Leberecht Hühuchen*, and Baumbach's *Der Schwiegersohn*, or other works of similar character are read. A grammar review of nouns and adjectives is conducted by dictation by means of notebooks, and prose composition is based on the texts used. Some attention is given to the literary form, and to the authors of the work read. Largely in German.

3.—INTRODUCTORY CLASSIC COURSE. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, courses 1 and 2, or the equivalent. Schiller's *Wilhelm Tell*, or *die Jungfrau von Orleans*, and Schiller's *Ballads* are read. A beginning is made in the study of Schiller's sources, and the form of the drama studied is carefully outlined, based upon Freytag's *Technik des Dramas*. The students are required to give reports or to write a term theme on the life of Schiller based on Thomas or Kühnemann. Chiefly in German.

10.—ASTRONOMY. *Two hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, Plane Geometry. The usual work of descriptive astronomy will constitute the course.

11.—TEACHING OF SECONDARY MATHEMATICS. *Four hours credit.*

Summer Term, and Second Semester.

Junior or Senior College. Prerequisite, course 5. A critical historical survey of recent and present-day movements in the teaching of secondary mathematics, correlation of subjects, creation of interest, tests and examinations, definitions and axioms. Consideration of the topics of algebra, geometry and elementary trigonometry from the standpoints of presentation, placing of emphasis, difficulties and their remedies, making of problems and the collection of data for the same, historical points of reference connected with each. Observation of model teaching in the Training High School.

12.—HISTORY OF MATHEMATICS. *Two hours credit.*

Summer Term, and Second Semester. (Not given 1916-'17.)

Prerequisites, courses 5 and 7.

13.—COMMERCIAL ARITHMETIC. *Two hours credit.*

Summer Term, and First Semester.

Junior College. Arithmetic from the standpoint of the business teacher. Emphasis will be placed upon the

ERRATA:

Elementary German II will be given, as announced in previous catalogues with a credit of five hours.

The course listed as Dramatic Literature has been wrongly named; it should be Dramatic Literature.

about five hundred

complete list of reference books, a complete set of

volumes of the Deutsche National-Litteratur and a set of the Allgemeine Deutsche Biographie; one philological, one pedagogic, two literary periodicals, a weekly German newspaper, and one French periodical; a wall map of France, and two physical maps and one political map of Germany, a wall map for Schiller's Wilhelm Tell; a set of eight Holzel and Holz pictures for use in free composition and in methods; a spectro-scope and several hundred post cards of various parts of Germany and France, and illustrating various phases of life in those countries; an increasing collection of framed prints and photographs, including those of statesmen and writers; Kürschner's Das ist des Deutschen Vaterland; Könnecke's Bilderatlas zur Geschichte der deutschen Nationalliteratur. La France, a finely illustrated geographical description of France in two volumes.

MAJOR.

A maximum of twenty-five hours of college German, to which two units of high-school German or the equivalent are prerequisite, constitutes a major in German. If no entrance credit is offered in German a mini-

imum of ten hours of college work must be taken in the department before credit will be given toward graduation. Students choosing a general language major may elect, in addition to the entrance requirement in language, a minimum of fifteen hours of college German, with fifteen hours of Latin or French.

German may be elected as a minor in combination with a major in any other department, in which case one year of high-school German or five hours of college German is prerequisite to the fifteen hours required for a minor.

MINOR.

A minor of fifteen hours must be selected from the work of other departments. The following minors are suggested: History, English, Science, General Pedagogy, Latin. In addition to the major and minor requirements students majoring in German are urged to take the following subjects which broaden and strengthen the major: Advanced English, six to eight hours; French, ten hours; European History, six to eight hours; Sociology, three to six hours; Public Speaking, three hours.

1.—ELEMENTARY GERMAN. *Five hours credit.*

Summer Term, and each Semester.

Junior College. No prerequisite in German. Texts: Gohdes and Buschek's *Lern-und Lesebuch*, 75 pages. Walter Krause's *First German Reader*, 30 pages. The course includes a scientific study of pronunciation by the application of the principles of phonetics; also reading, practice in memorizing prose and poetry, reproduction, writing from dictation, and free composition based on one Holz and Holz picture. The purpose of the course is to lay foundations for reading, speaking and writing the German by giving as much of a feeling for the language as possible. The work is done chiefly in German.

2.—INTERMEDIATE MODERN PROSE. *Five hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 1 or two units of high-school German. The course is intended to strengthen the student's feeling for the German prose of to-day. Fulda's *Unter vier Augen*, Wildenbruch's *Das edle Blut* or *der Letzte*, Seidel's *Leberecht Hühchen*, and Baumbach's *Der Schwiegersohn*, or other works of similar character are read. A grammar review of nouns and adjectives is conducted by dictation by means of notebooks, and prose composition is based on the texts used. Some attention is given to the literary form, and to the authors of the work read. Largely in German.

3.—INTRODUCTORY CLASSIC COURSE. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, courses 1 and 2, or the equivalent. Schiller's *Wilhelm Tell*, or *die Jungfrau von Orleans*, and Schiller's *Ballads* are read. A beginning is made in the study of Schiller's sources, and the form of the drama studied is carefully outlined, based upon Freytag's *Technik des Dramas*. The students are required to give reports or to write a term theme on the life of Schiller based on Thomas or Kühnemann. Chiefly in German.

4.—GOETHE, OR LESSING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, courses 1, 2, 3. The course consists of an intensive study of one of the above-mentioned authors by reading two or more of his works, in connection with his biography, and such a survey of the German literature of the period as is necessary to an understanding of the value of his work.

5.—ADVANCED GRAMMAR COURSE. *Two hours credit.*

Summer Term, and First Semester.

Junior College. Prerequisite, German 3, or the equivalent. The course provides a careful review of the principles of grammar based on Thomas's Practical German Grammar. It includes also composition based on the text and free composition based on assigned subjects. It is particularly valuable for teachers of high-school German, and is required for all students majoring in German.

6.—ADVANCED COMPOSITION. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, course 5. The course is intended to follow and supplement course 5, and is required of students majoring in German. The texts are Lambert's German Idioms, and Whitney and Stoebe's German Prose Composition. To meet an often expressed need for more familiarity with German idioms the first of the above texts is used for oral composition, the students being required to use certain assigned idioms in a talk in German on a subject chosen by themselves. The second text is used for the formal translation of English into German.

7.—SCIENTIFIC PROSE. *Five hours credit.*

On sufficient demand.

Junior College. Prerequisite, German 1, or its equivalent. The course is intended for students majoring in mathematics or the sciences and who desire to acquire a scientific vocabulary. Only a reference book in grammar, such as Bernstorff's A Handbook of German Grammar, is used with the texts read. Wallenstein's Grundlehren der Naturlehre and other texts of graded difficulty are read, or translated rapidly. There is no composition and no conversation.

8.—NINETEENTH CENTURY FICTION. *Three hours credit.*

On sufficient demand.

Senior College. Prerequisite, courses 4 and 5. The aim of this and the following course is to introduce the students to the men and movements which have had a determining influence in the shaping of modern German literature. Kleist, Eichendorff, Keller, Meyer Fontane, Rosegger, Sudermann are studied in representative works.

9.—NINETEENTH CENTURY DRAMA. *Three hours credit.*

On sufficient demand.

Senior College. Prerequisite, courses 4 and 5. Witkowski's German Dramatists of the Nineteenth Century is used in connection with dramas read from Kleist, Grillparzer, Hebbel, Ludwig, Hauptmann, and Sudermann. Much of the work is done in German.

10.—SCHILLER. *Three hours credit.*

On sufficient demand.

Senior College. Prerequisite, courses 4 and 5. The aim of the course is to acquaint the student with the various periods of Schiller's literary activity by the study of his dramas. Die Räuber, or Kabale und Liebe, Don Carlos, and Maria Stuart, or selections from Wallenstein are read.

11.—GERMAN LITERATURE I. *Two hours credit.*

On sufficient demand.

Senior College. Prerequisite, courses 4 or 10, and 5 and 6. The history of German literature from the earliest times to the Reformation, based on Francke, Scherer and Robertson. Selected readings and reports by members of the class.

12.—GERMAN LITERATURE II. *Two hours credit.*

On sufficient demand.

Senior College. Prerequisite, course 11. From the Reformation to the end of the nineteenth century.

13.—DRAMATIC READING. *One or two hours credit.*

Second Semester.

The course consists of committing the parts of a drama, with special attention to pronunciation and expression. Open to students by invitation.

14.—DRAMATIC READING. *One or two hours credit.*

Summer Term, or on sufficient demand.

Senior College. Open to students by consent of the instructor, but required of students majoring in German. The course consists of a careful study of the organs of speech by means of plates, casts, and stereoscopic views; the study of the formation of German speech sounds from the point of view of the organs of speech, and the phenomena of the sounds themselves, the classification of the sounds according to their position and formation; the practical application of the principles studied by means of reading, and the study of sentence stress, or accent.

15.—TEACHING OF SECONDARY GERMAN. *Two hours credit.*

Summer Term, and on sufficient demand.

Senior College. Required in the junior year for students majoring in German. This course deals with the educational value of the German, and the principles underlying the teaching of living languages; with the aims of a course in high-school German and the methods of preparing and presenting the material in the texts from the standpoint of the aims, and also of arousing and increasing the interest of the pupils; with the methods of increasing the pupil's vocabulary, and ability to speak the German; with supplementary material—pictures, games, songs, proverbs, riddles, dialogues, and the organization of a high-school course in German.

16.—TEACHERS' COURSE. *Two or four hours credit.*

On sufficient demand.

Senior College. Prerequisite, course 15. Required in the senior year of all students majoring in the department. This course consists of twenty-five minutes practice teaching daily for one semester in the seventh or eighth grade of the Training School under expert supervision, together with the collection and preparation of material, the study of methods of presentation of the material, of games, songs, and plays. This part of the course gives two hours credit. Observation of classes in high-school German taught by regular instructors of the department, with written reports and a prescribed course in reading on the aims and methods of teaching German, give two hours additional credit, but may or may not be taken at the option of the head of the department.

FRENCH.

The courses offered in French have as their aim to give a reading knowledge of the language, and such a glimpse of French literature as is possible in so short a course. The pronunciation is taught phonetically, and as much of the work as possible is done in French. Students majoring in German are urged to take at least a year of French. French may be included in a general language major, or students may elect French as a cultural subject, or with a view to graduate work. A minimum of ten hours of French may be offered for credit toward graduation.

1.—ELEMENTARY FRENCH I. *Five hours credit.*

Summer Term, and First Semester.

Junior College. No prerequisites in language. Texts: Colin and Serafon's Practical Lessons in French Grammar, twenty-two lessons; Talbot's *Le Francais et sa Patrie*, seventy-five pages. This course includes careful drill in pronunciation, mastery of the rudiments of the grammar in the lessons studied, easy exercises in composition, practice in dictation, memorizing, and free composition. Partly in French.

2.—ELEMENTARY FRENCH II. *Five hours credit.*

Second Semester.

Junior College. Prerequisite, Elementary French I. Colin and Serafon's Grammar is completed; also the reader and stories and plays such as Bedolliere's *La Mere Michel et Son Chat*, Labiche-Martin's *Le Voyage de Monsieur Perrichon*, Halevy's *L'Abbe Constantin* are read. Work in writing and speaking is continued as in French I.

3.—MODERN FRENCH. *Four hours credit.*

On sufficient demand.

Junior College. The course consists of reading works of Augier, Daudet, Balzac, Maupassant and George Sand, and Grandgent's Prose Composition. Prerequisite, French I and II, or its equivalent.

4.—SEVENTEENTH CENTURY DRAMATICS. *Three hours credit.*

On sufficient demand.

Junior College. Prerequisite, Modern French. Moliere's *L'Avare* and *Tartuffe*; Racine's *Athalie*, Corneille's *Le Cid*. An outline history of French literature.

Music.

FRANK A. BEACH, Director Normal School of Music, Professor of Voice, Theory and Public School Music.

ROSALIE BRIGHAM, Piano and Voice, High School Students.

EVALINE M. HARTLEY, Voice Training.

GLADYS HAWKINS, Piano and Intermediate Methods in Piano.

FLORENCE HOBART, Piano, Pipe Organ and Accompanying.

JOSEPHINE JONES, Voice Training.

VIOLETTE JORDAN, Piano.

GEORGE KEENAN, Stringed Instruments and Orchestra.

HARRY R. MURRISON, Voice.

MABEL MURRISON, Piano and Sight Reading.

CHARLES ERNEST PARKE, Harmony, Public School Music.

E. ANNA STONE, Piano for Children; Juvenile Methods.

CATHERINE STROUSE, Supervisor in Training School; Methods.

APPLIED MUSIC AND THEORY.

In addition to classrooms and studios in the Main Building, the department occupies a well-equipped building of its own. The library contains a collection of four hundred complete works. These increased

facilities make it possible to offer superior advantages in applied music (piano, voice, violin, and pipe organ), in class instruction dealing with the theory and history of music, music appreciation, and musical analysis.

Students who wish to complete any of the above-named branches may receive a general academic equipment, a thorough preparation for the profession of teaching, specific training in music, and proficiency in public performance. Those students who can spend only a part of their time in the study of music may take up special work suited to their needs and attainments, thereby increasing their efficiency as teachers in the public schools. The course offered include elementary and advanced instruction in piano, voice, violin, sight reading, accompanying, and the study of selections suitable for kindergarten, primary and general school exercises; also short practical courses in the history and appreciation of music, harmony and musical analysis suitable for grade and high-school instruction.

The work of the year is interspersed with public recitals and concerts given by pupils and members of the teaching staff. A number of organizations are also maintained by the department. Two orchestras, a band, men's and women's glee clubs, the Treble Cleff Club, and the Musical Art Society are organizations free to students who can derive benefit therefrom. The Choral Union—the all-school chorus for which credit is allowed—affords opportunity for study of the oratorios and large secular compositions. (See Public School Music, Course 12.)

Credit is allowed for all work satisfactorily completed in class recitation, as stated after each course; students enrolling in individual instruction—piano, voice, or violin—will be granted credit, applicable as an elective toward any certificate or upon the degree to the extent of fifty semester hours, one hour of credit being given for eighteen lessons with the necessary for each lesson.

Credit in piano and other applied music courses depends largely upon the relative gain in proficiency, account being taken of the varying degrees of natural ability and previous training.

Several courses, which are both cultural and practical, are offered to prepare the prospective teacher and principal to mold the taste of his school and community along musical lines.

A maximum of twenty-five hours constitutes a major in Music. A minor of fifteen hours may be taken in Drawing or English, or English combined with Public Speaking and Expression. Courses in Physical Training and in Kindergarten and primary subjects may be offered as part of a minor.

PUBLIC-SCHOOL MUSIC.

A comprehensive and practical course for teachers and supervisors of music has been in operation for seven years. A large number of graduates are successfully teaching in Kansas and in adjoining states.

In addition to the academic work deemed essential for a proper general equipment, there is offered specific training in sight singing, ensemble practice, elementary harmony and ear training; courses in the appreciation of music, both for the development of the individual and for teaching purposes; definite experience in the planning of outlines for the

various grades and high school, as a part of the course in public-school music methods; instruction in individual voice production and singing, as well as in the care and development of children's voices; experience in chorus conducting, and practice teaching of classes of children in the Training School and in the High School under the criticism of a supervisor of wide preparation and experience.

The teachers engaged in this work number five, and have been especially prepared in this country and in Europe. The close correlation between the methods courses and practice teaching in the Normal Training High School and in the Training School affords unusual opportunity for the acquisition of theory and its application in the various subjects related to the teaching of music in the public schools.

1.—ELEMENTARY SIGHT SINGING. *Two hours credit.*

Each Semester.

Deals with the elements of music, rote singing, the facts of time and tune, with their staff representation, leading to the reading of one-part music. Students who have had some sight reading may enter Music 1a. Students electing music for the Certificate for Special Proficiency in Intermediate and Grammar Grade Teaching, Primary Teaching or Kindergarten Teaching should take this course. A student electing music for any certificate or for the degree should select Elementary Sight Singing as the *first* two hours credit.

1a.—RAPID ONE-PART SINGING. *Two hours credit.*

Each Semester.

Open to students who have had course 1, or music prior to college entrance.

2.—INTERMEDIATE SIGHT SINGING. *Two hours credit.*

Second Semester.

This course is designed to succeed 1 or 1a.

3.—ADVANCED SIGHT SINGING. *Two hours credit.*

Second Semester.

Sight reading in three and four parts.

4.—KINDERGARTEN AND PRIMARY MUSIC METHODS. *Two hours credit.*

Summer Term, and second half of each Semester.

Students electing music for the Certificate for Special Proficiency in Kindergarten or Primary Teaching should take this course together with Public-school Music 1, or 1a, or 2.

5.—MUSIC METHODS FOR GRAMMAR GRADES. *Two hours credit.*

Summer Term, and first half of each Semester.

Prerequisite, course 2, or equivalent. An outline of the work of the various grades, choice and use of material, voices and interpretation. Students electing music for the Certificate of Special Proficiency in Intermediate and Grammar Grade Teaching should take this course.

5a.—MUSIC METHODS FOR HIGH SCHOOL. *Two hours credit.*

Open to those who have completed requirements for Supervisor's Certificate. This course deals with the methods of presenting the subjects as regularly taught in a high school offering music as an accredited subject. They are as follows: Notation, Melody Writing, Elementary Harmony and Part Writing, Harmonic Analysis, Advanced Harmony, Music History and Appreciation, Music Form and Analysis, and Chorus Conducting.

6.—SYSTEMS. *One hour credit.*

A comparative study of the several systems of public-school music and their application. Open to students who are specializing in the department. Prerequisite, courses 1, 2, and 5.

7.—EAR TRAINING. *Two hours credit.*

Singing and recognition of triads, seventh chords, and modulation. Prerequisite, six hours sight singing.

8.—INDIVIDUAL PRACTICE TEACHING. *One hour credit.*

Dealing with monotones and deficient pupils under supervision.

9.—RURAL SCHOOL TEACHERS' COURSE. *Three hours credit.*

Summer Term.

This course deals with the subject matter and methods of public-school music for ungraded and small schools in third-class cities. Drill in rhythm, intervals and individual singing are included. Students electing music for Certificate for Special Proficiency in Rural-school Teaching should take this course.

10.—LIBRARY READING. *One hour credit.*

11.—CHORUS CONDUCTING. *One hour credit.*

This includes the problems of classifying voices, effective arrangement of parts, selection of material, correct use of baton, and the securing of variation in tempo and dynamics.

12.—CHORUS SINGING I. *Two hours credit.*

Throughout the year, at 7 p. m.

For the study of cantatas and oratorios. Open to all students in High School and College. Two hours credit for two semesters' rehearsals or the equivalent.

13.—CHORUS SINGING II. *Two hours credit.*

Throughout the year, at 7 p. m.

14.—ADVANCED ENSEMBLE PRACTICE. *Two hours credit.*

First Semester.

A practical study of the various vocal forms, including chant, anthem, cantata, oratorio, and opera. Open to advanced students or especially qualified under-classmen.

15.—MUSIC HISTORY AND APPRECIATION I. *Two hours credit.*

First Semester, and Summer Term.

Designed for beginners. No prerequisite. The purpose of the course is to acquaint students with standard vocal and instrumental compositions, and to enable them to listen discriminately. For study and illustration there are employed records for the Victor and Columbia, together with rolls for the Pianola.

16.—MUSIC HISTORY, AND APPRECIATION II. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, Appreciation I. A study of musical composition through the analysis of characteristic vocal and instrumental forms. Typical operas of Verdi and Gounod and some well-known sonatas and symphonies of Beethoven and his predecessors. In order to make possible a closer acquaintance with the compositions studied, as well as a familiarity with the phonograph and piano player, students who are enrolled will be allowed, under certain regulations, to use the instruments. As a protection against damage to records and rolls a small laboratory fee may be required.

17.—A CAPELLA ENSEMBLE I. *One hour credit.*

Unaccompanied chorus work in girls' and men's choruses. Prerequisite credit, four hours of sight singing.

18a.—INTERMEDIATE SIGHT SINGING FOR SUPERVISORS. *Two hours credit.*

Required of students who are unprepared for course 18.

18.—SIGHT SINGING FOR SUPERVISORS. *Two hours credit.*

Drill in advanced and rapid sight reading. Prerequisite, six hours of sight singing.

19.—SIGHT SINGING FOR DIPLOMA STUDENTS. *Two hours credit.*20.—ELEMENTS OF THEORY AND EAR TRAINING. *Two hours credit.*

Required of all certificate candidates. Separate sections for students of public-school music and students in applied music.

THEORY, HISTORY AND ANALYSIS OF MUSIC.

21.—HARMONY I. *Two hours credit.*

Each Semester.

The fundamental principles of the theory of music are embodied in the study of harmony, which treats of the different intervals and chords in their natural relations and combinations. The subdivisions of the subject are as follows: Scales, intervals; triads, sixth, seventh and ninth chords, with their inversions; cadences, modulations; harmonizing melodies.

22.—HARMONY II. *Two hours credit..*

Second Semester.

Chromatically altered chords; augmented chords; suspensions; passing and changing notes; modulation; organpoint; analysis; original work in harmonizing melodies.

23.—HARMONIC ANALYSIS. *Two hours credit.*

Analysis of four-part compositions; modulations at the piano. Advanced harmony: Keyboard demonstration in figured basses, cadences and modulations.

NOTE.—The above work is planned for supervisors' training courses as especially adapted for high-school music methods.

24.—HISTORY OF MUSIC I. *Two hours credit.*

First Semester.

This is a literary course, which does not require special technical skill; it is open to all students who have practical knowledge of vocal or instrumental music. The work includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; and the polyphonic era.

25.—HISTORY OF MUSIC II. *Two hours credit.*

Second Semester.

Modern music and musicians; biographies and the works of the great composers of the classic, romantic and modern schools. The history of the opera, cantata, oratorio, and symphony.

27.—MUSICAL FORM AND ANALYSIS. *Two hours credit.*

First Semester.

The courses in musical analysis are for students who wish to understand and appreciate the works of the great composers. The

work of this course consists of lectures and recitals on instrumental forms. The symphony, sonata, string quartette and the smaller forms are analyzed and explained. Representative types are played in the class.

29.—COUNTERPOINT I. *Three hours credit.*

First Semester.

Counterpoint applies the principles of harmony to the melodious treatment of the several voice parts in combination. The study of this subject naturally follows that of harmony and develops the contrapuntal facility necessary to all forms of composition. The work includes strict counterpoint; the various orders of modern counterpoint; double and triple counterpoint.

30.—COUNTERPOINT II. *Two hours credit.*

Second Semester.

Counterpoint in five or more parts; vocal counterpoint analysis; exercises in free composition.

31.—NORMAL CLASS I. *One hour credit.*

Second Semester.

A special course for students preparing themselves as teachers. The work embraces lectures on methods and materials for teaching beginners; papers and discussion by students.

32.—NORMAL CLASS II.

A continuation of the preceding course, dealing with methods and material for intermediate students.

33.—ENSEMBLE PLAYING OR SINGING I. *One hour credit.*

Throughout the year. Time to be assigned by the instructor.

Ensemble-playing classes in piano and violin meet regularly for the study of concerted music. Four- and eight-hand music and chamber music for stringed instruments form the basis of the work. This practice enables the pupil to become acquainted with many masterpieces and to receive training in sight reading and accompanying. Credit for orchestra and band is allowed to students who are regularly enrolled.

34.—ENSEMBLE PLAYING OR SINGING II. *One hour credit.*

Throughout the year.

Advanced ensemble playing; continuation of course 1. Time to be assigned by the instructor.

36.—STUDY OF THE ORCHESTRA. *One hour credit.*

Constitution of the orchestra; and the possibilities of high-school and amateur organizations. For Public-school Music students.

37.—SIGHT READING AND ACCOMPANYING I. *One hour credit.*

38.—SIGHT READING AND ACCOMPANYING II. *One hour credit.*

39.—CHILD VOICE AND SONG LITERATURE. *One hour credit.*

40.—NOTATION AND TERMINOLOGY. *Two hours credit.*

PIANO.

It is impossible to set down any list of studies to be strictly adhered to, as the needs of the individual pupil must be consulted, and the studies varied accordingly. Moreover, new works are constantly being published.

These are carefully examined and those of value are used in the course. However, an idea of the work covered in the different classes may be obtained from the following:

PREPARATORY COURSE.

Elements of pianoforte playing, including hand culture, touch, notation, together with rhythm study, construction of melody, elementary harmony, and ear training. Instruction books on technical exercises are used according to needs. A limited number of etudes by representative composers; rondos and sonatinas by Kuhlau, Clementi, Gurlitt, and others; the easiest sonatas of Haydn and Mozart; smaller compositions by Handel, Bach, Mozart and Beethoven; selections from the easier works of Schumann, Grieg, Chopin and others.

INTERMEDIATE COURSE.

Further development of technique, including major and minor scales in various forms; chords, arpeggios, octaves, etc. A limited number of etudes from the best authors, such as Czerny, Loeschhorn and Heller; two-part inventions by Bach; sonatas by Haydn, Mozart and others; easier sonatas and variations of Beethoven; easier compositions by Mendelssohn, Grieg, Chopin, and Schubert.

CERTIFICATE COURSE.

Selections from two- and three-part inventions and suites of Bach; studies by Cramer, Czerny, and Clementi; sonatas and other compositions by Beethoven, Scarlatti, and Mozart; and further study of the modern romantic composers, such as Schubert, Schumann, Liszt, Grieg, Debussy, MacDowell, etc.

DIPLOMA COURSE.

Selections from suites, Well-temperel Clavichord of Bach, a limited number of etudes by Czerny, Liszt, Chopin, Clementi and Neupert; sonatas of Chopin, Beethoven, Schumann and others; solo works of Scarlatti, Graun, Mendelssohn, Liszt, Rubinstein, Brahms, Grieg, MacDowell; piano concertos by the best composers.

VIOLIN.

ELEMENTARY GRADE.

Careful study in holding the violin, position of the body, placing of fingers in different keys; fundamental principles of bowing. Schools and studies by Wohlfahrt, Hermann, Blumenstengel, Laoureux, de Beriot, Dancla, Kayser, and Wilhelmj-Brown. Violin duets by Mazas and Pleyel. Scale studies in all keys, varied fingering and simple bowing; arpeggio forms in first and third positions; small classical solos with piano accompaniments. Class in sight reading.

INTERMEDIATE GRADE.

(Outlined for high-school pupils and adult beginners.)

Scales and arpeggi in three octaves by Ysaye and Cesar Thomson. Studies by Kayser, Schradieck, Kreutzer and Siorrello. Sonatas by Corelli, Handel, and Beethoven. Concertos and soli: Beethoven; Two Romances, Vieuxtemps; Morceaux de Salon, Wieniawski; mazurkas and concertos by Viotti, Mozart, Kreutzer, Rode, and de Beriot. Orchestral class.

CERTIFICATE GRADE.

Advanced scale work in thirds, sixths and octaves by Cesar Thomson. (These scales are not in print, but are given from manuscript.) Advanced studies by Kreutzer, Fiorello, Rode, Gaviniés, and Wieniawski.

Bach sonatas for violin alone. Concertos by Mendelssohn, Bruch, Beethoven, Bach (E major), Wieniawski (D minor), Soli by Wieniawski (Polonaises in A and D, Souvenir de Moscow), Scherzo-tarentelle, Sarasate and Saint-Saëns. Sonatas by Beethoven, Cesar Franck, Grieg and Brahms.

DIPLOMA GRADE.

Scales and arpeggi in three octaves. Studies by Rode and Gavinies. Concertos and solos; Sphor, Bach, Viotti (22d), Kreutzer (19th), Rode (10th), de Beriot (7th), Solos by Hubay. Orchestral and ensemble classes.

ORGAN.

This course is designed to furnish a foundation in technical training to students desiring to fit themselves to be church organists. The completion of the preparatory course in pianoforte or its equivalent is a prerequisite for admission. The work offered includes the construction of the organ from a mechanical standpoint; instruction in manual and pedal technics and registration. Studies employed comprise works of Clemens, Douglas and Buck; compositions by Merkel, Dubois, Smart, Faulkes, Guilmant and Bach; also a careful study of hymns and accompaniments to solos and anthems.

BRASS INSTRUMENTS.

Excellent opportunity, under a trained instructor, is offered to students who wish to learn to play brass instruments and instruments of the wood-wind group. Students who have played instruments of any sort should not fail to bring these with them, even though they have no expectation of studying. The orchestras and Normal band offer opportunities for both pleasure and service to all musical students, whether enrolled in the School of Music or the Normal proper.

FEES AND REGULATIONS.

Lessons in piano, voice and violin are theoretically half-hour periods; where necessary for the passing to and from the classes the actual time may be twenty-five minutes.

A limited number of free and partial scholarships, it is expected, will be available for talented students who are unable to pay regular rates. These will be granted at the beginning of the year upon written application and examination.

All tuition is payable strictly in advance, at the beginning of each term. Work in this department is suspended on legal and school holidays, as given in the calendar of this catalogue. Students may enter at any time. It is best to enroll at the beginning of a term. All lessons lost by absence or tardiness of the pupil will be the pupil's loss, unless reasonable previous notice of the expected absence is given, in which case the lesson will be made up within the term only. Students must complete a full term of lessons or class work in order to receive a grade for the work. Students leaving or discontinuing lessons during the term time forfeit all payments, except in case of protracted illness, in which case the balance will be allowed upon a subsequent term, or half the loss will be borne by the department. All fees must be paid in advance of the giving of instruction. All students who wish to take up work in this department must receive an assignment card from the director of music. This card must be stamped by the registrar and bursar and presented to the instructor for signature and returned to the office of the director of the department.

Substitution for certain subjects will be allowed upon application to the Director in cases where it is plainly evident that the students' efficiency will be increased by such change.

The fees for instruction have been placed at the lowest limit of actual cost for the quality of instruction offered. In private studios the teachers of the School receive double and sometimes treble the tuition rates herein made by the School.

RATES OF TUITION.

For a term of eighteen lessons the fees are:

PIANO.

Juvenile course (for children)	\$9.00
Advanced juvenile (for children)	10.50
Beginning grade (for high-school pupils)	10.50
Class work in piano	4.50
With student assistant	9.00
Preparatory grade (adult beginners)	13.50
Intermediate grade	15.00
Certificate grade	18.00
Diploma grade	18.00
For public-school music students	18.00
Postgraduate work	24.00
Accompanying	18.00
Pipe organ	18.00

VOICE.

Preparatory grade	\$13.50
Intermediate grade	15.00
Advanced grades	18.00
With student assistant	9.00
For public-school music students	18.00
Special training for the speaking voice	18.00
Postgraduate	24.00

VIOLIN AND STRINGED INSTRUMENTS.

Juvenile course (in class or with assistants)	\$9.00
Preparatory grade	13.50
Intermediate grade	15.00
Advanced grades	18.00
Postgraduate	24.00

THEORY AND HISTORY OF MUSIC.

Harmony, in class.	\$5.00
History of music, in class.	5.00
Counterpoint, in class.	10.00
Fugue and instrumentation, in class, each.	10.00
Private lessons in any of the above courses.	15.00
Normal piano methods.	5.00
Special methods (not otherwise listed)	25.00

MANDOLIN, GUITAR AND BAND INSTRUMENTS.

Band and orchestral instruments	\$13.00
Mandolin and guitar	10.00

For a half term of lessons, or one lesson per week, the rate is one-half the tuition for a term plus one dollar.

SIGHT SINGING AND EAR TRAINING.

Coaching (with student assistant), per lesson	\$0.25
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RENT OF INSTRUMENTS.

One hour a day, for a term of nine weeks. Two or more hours at the same rate.

Piano	\$1.80
Pipe organ	4.00

Piano students enrolled for a year's work are not charged for practice pianos.

The Public School Music courses are free to any student regularly enrolled.

General Pedagogy Group.

Professor TRIPLETT.
 Professor LULL.
 Professor MONROE.
 Professor CULTER.
 Professor CAROTHERS.
 Professor HARRIS.
 Professor ALDER.
 Associate Professor DE VOSS.

A major of twenty-five hours may be taken from selected courses in the General Pedagogy group, of which at least twelve hours must be in addition to the required work in this field and must be chosen under the direction of some instructor of the group. It is advised that these be distributed among the different departments in the group as equally as possible. For a minor in this group five hours in addition to the required work must be taken. When the major is taken in one department, as in School Administration, or Psychology and Philosophy, the usual conditions governing majors will apply.

The courses for a minor fifteen hours may be taken from the Departments of Biological Science or Economics and Sociology. The courses in Physiology and Hygiene may be offered as part of a minor.

PEDAGOGY SEMINAR. *One hour credit.*

Summer Term, and each Semester.

The class will meet for a double recitation period once in two weeks. A course in research for advanced students, conducted by all the instructors giving work in general pedagogy. Problems in educational and clinical psychology, school administration, city and rural, history and principles of education, are studied. To be taken only on consultation with the men in the department. This course is the outgrowth of what has been known as "The Psychology Club."

KINDERGARTEN.

Professor ALDER.

The Kindergarten Department offers to four-year high-school graduates and those with equivalent training a two-year college course. Students are encouraged, however, to continue their work through the four years, that they may receive the degree of bachelor of science (in education), and more thoroughly equip themselves as teachers. The department aims to give a thorough and practical training to those who desire to fit themselves to become kindergarten directors. It also offers helpful courses to students specializing in primary work. The department includes, besides the training class, a well-equipped kindergarten. Here the students are given ample opportunity for observation and practice in

teaching. The Kindergarten Department, as an integral part of the larger whole, seek to keep in close touch with the broadening educational field, and to bring its practices into accord with modern thought and methods. Each year brings an increased demand for well-trained kindergartners in Kansas, as each year sees new kindergartens added to our city school systems.

1.—PRACTICE TEACHING IN KINDERGARTEN I. *Four hours credit.*

Each Semester.

Prerequisites, general methods and observation, kindergarten technics, handwork, plays and games. Students spend two and one-half hours daily observing and teaching in the kindergarten under supervision. They prepare lesson plans and attend conferences.

2.—PRACTICE TEACHING IN KINDERGARTEN II. *Four hours credit.*

Summer Term, and each Semester.

A continuation of Course I. Students teach and observe in the kindergarten two and one-half hours daily under supervision, prepare written plans and attend conferences. Each student is responsible for a group of children, and is called upon to take charge of the kindergarten at stated times.

3.—KINDERGARTEN TECHNICS. *Two hours credit.*

First Semester.

A study of the activities of young children. An analysis of the common play materials of children as a basis of determining the principles governing the selection and use of materials in the kindergarten. The Froebelian gifts; the principles on which they were planned. Modern adaptations and modifications of these. Practice in manipulation of materials. A study of methods in the use of materials.

4.—HANDWORK FOR THE KINDERGARTEN AND PRIMARY GRADES. *Three hours credit.*

Second Semester.

A study of the principles and methods which give educative value to handwork for young children. The aim is to discuss and use practically materials in which may be found the beginnings of art and of industry, and also materials which meet the constructive instinct as it functions in the play life of the child.

5.—PLAYS AND GAMES. *Two hours credit.*

Summer Term, and each Semester.

A study of the different periods in a child's development, the instincts, impulses and natural play activities of each period. The significance of play as a factor in education; its relation to work. A study of different types of games. Selection and adaptation of games for kindergarten and primary use. The actual playing of games.

6.—KINDERGARTEN THEORY. *Three hours credit.*

First Semester.

This course aims to give an insight into child nature and its needs as a basis for kindergarten procedure. The work is carried on by means of observation of children in kindergarten and home, by the study of Froebel's "Mother Plays" and of more modern child-study literature. A comparison is made between the kindergarten procedure as developed by Froebel and that of to-day, reconstructed in the light of modern genetic psychology and child study.

7.—KINDERGARTEN PROGRAM. *Three hours credit.*

Second Semester.

Prerequisites, Kindergarten Technics, Handwork, Plays and Games and Kindergarten Theory. The study of kindergarten activities and materials leading to the organization of a kindergarten program. The principles controlling such an organization. Each student will be required to write in outline a year's plan of work for a kindergarten, and will also plan the equipment for a kindergarten.

8.—WEEKLY CONFERENCE. *No credit.*

One hour each week throughout the Kindergarten course.

Required of all kindergarten students. A study of the kindergarten program as it is carried out from week to week in the Normal School kindergarten, with a discussion of subject matter, materials and methods, and a study of individual children. This course forms the class conference for those doing observation and practice teaching in the kindergarten.

METHODS.

Professor LULL.
Professor HARRIS.

1.—GENERAL METHODS AND OBSERVATION. *Three hours credit.*

Summer Term, and each Semester, and the last half of the Second Semester.

Junior College. Required for the Three-year State Certificate and for the Life Certificate. This is a foundation course for teachers and deals with the principles involved in selecting subject matter and methods of instruction which are best adapted to accomplishing the functions of education. These principles are illustrated in observation lessons in the Training School. (Lull.)

2.—PRIMARY METHODS. *Four hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, General Methods and Observation. The purpose of this course is to offer in lecture form a critical study of methods of presenting the principal subjects of instruction in the lower grades. This work is more extended and definite on the various subjects than is possible in the limited time available in connection with the academic and advanced treatment of the same. The teacher will be led to test methods and to govern their application by the laws of the mind. After each subject is completed, illustrated lessons will be given with the pupils of the first three grades of the Training School.

(1) *Primary Methods*—Meaning and purpose.

(2) *Reading*—A study of methods, past and present.

The teacher's problems in connection with "beginning Reading" without text. The teacher's problems when using the text. Thought work, including expression, dramatic work, etc. Mechanics, melodic phonics, word study, drills, etc. Lists of the best readers.

(3) *Nature Study and Language*—Selecting the material for nature study. How used as a foundation for the language work. The purpose of language in the lower grades. The use of the picture, poem and story, and how correlate with the nature work. Mechanics of language.

(4) *Primary Numbers*—A study of methods, past and present. The teacher's guide in selecting and presenting material. What shall we teach? How? Means of presenting new ideas through use of objects, construction work, etc. Drills—purpose of. Formal drills, devices, games, etc.

(5) *Geography*—Its place in the primary course. Life work and map work throughout the lower grades. Home or local geography. Outdoor and field lessons, excursions to shops, etc. The use of sand modeling, posters, stories, pictures, etc., in teaching primary geography.

(6) *Music*—The two phases of work—rote singing and the mechanics of music. Value and use of each. Tone work, breathing, rhythm, ear training, eye training; analysis of songs, and how to teach them. (Harris.)

PRACTICE TEACHING.

PRACTICE TEACHING. *Four hours credit.*

Summer Term, and each Semester.

Required for the Life Certificate except for students who secure the degree of B. S. in Education at the same time that they secure the Life Certificate. Prerequisite for taking the course in Practice Teaching are the following:

I. General Methods, Observation, and School Administration.

II. Thirty hours credit in college courses which must include for teaching.

A. In the Kindergarten:

- (a) Kindergarten Observation
- (b) Kindergarten Technics
- (c) Handwork
- (d) Plays and Games.

B. In the Primary:

- (a) Primary Methods.

C. In Intermediate and Grammar Grades:

- (a) Either two special methods courses from the following:
 - 1. Physiology and Hygiene for the grades.
 - 2. General Science for the grades.
 - 3. Geography for the grades.
 - 4. History for the grades.
 - 5. English for the grades.
 - 6. Arithmetic for the grades.
- (b) Or, two special methods courses from the following:
 - 1. Physical Training.
 - 2. Manual Training.
 - 3. Domestic Science and Art.
 - 4. Drawing.
 - 5. Music.
 - 6. Penmanship.

(Each of the Special Methods courses listed under (C) presupposes and is built upon a thorough knowledge of the subject matter appropriate to each subject.)

D. In the High School

- (a) In nearly all departments, ninety hours of college credit.
- (b) The special Teachers' Course in the chosen department.

It is the aim of the Training School to provide either observation or carefully planned and closely supervised teaching for five hours per week throughout a semester. As complete responsibility as is consistent with the welfare of the children, is given to each student teacher in all matters pertaining to the control and instruction of his class. The unusual opportunities afforded by the extensive children's library, the well-equipped gymnasium, the laboratories for cooking, sewing, manual train-

ing, and the natural sciences, and the studies of art and music, make possible a very high type of instruction in all departments of elementary as well as secondary work.

PSYCHOLOGY AND PHILOSOPHY.

Professor TRIPLETT.
Associate Professor DE VOSS.

PSYCHOLOGY.

1.—GENERAL PSYCHOLOGY. *Three hours credit.*

Summer Term and each Semester.

Junior College. Required for Life Certificate and a prerequisite for all other psychological and philosophical courses. A systematic treatment is given with some attempt at pedagogical application. Some experimental work in the line of illustration, a number of class experiments, and special topics for individual study and report are given. Should be taken in sophomore year; by permission may be taken in second semester of freshman year.

2.—CHILD PSYCHOLOGY. *Two hours credit.*

Each Semester.

Junior College. Elective. Course 1 is a prerequisite. Treats generally of the mental development of children, aiming to give a point of view. Seeks to give a knowledge of the nature and needs of the child at the different periods of his growth. Direct observations are made and various investigations studied.

3.—GENETIC PSYCHOLOGY I. *Two hours credit.*

Second Semester.

Junior College. Elective. In this course a study of the behavior of animals is made, and comparisons drawn with human activity, especially that of children. All psychology is becoming genetic and functional in character, and a proper study of life activities of any kind, and especially those bearing upon education, must take into account this development phase of the subject. Given in alternate years.

4.—GENETIC PSYCHOLOGY II. *Two hours credit.*

Second Semester.

Junior College. Elective. Prerequisite, General Psychology. A study of the behavior of primitive man, tracing his mental, moral, religious, æsthetic, social and industrial development in those aspects which concern the genesis of the subject matter of education. A special reference to the mental life of the child among primitive people.

5.—PSYCHOLOGY OF RELIGION. *Two hours credit.*

On sufficient demand.

Junior College or Senior College. Open to students above the Freshman year. Elective. A study of the psychological phases of religion, with the aim of improving the quality of religious pedagogy, particularly in Sunday-school and missionary work.

6.—SOCIAL PSYCHOLOGY. *Two hours credit.*

First Semester.

Junior College or Senior College. Elective. Prerequisite, Course 1. A study of those interests and instinctive tendencies of the mind that are the result of the community life of the race. It is meant to throw light on the nature of society and to give a basis for a more truly social pedagogy.

7.—EDUCATIONAL PSYCHOLOGY. *Three hours credit.*

Second Semester.

Senior College. Required. In this course important topics in psychology are treated in their educational aspects. Many of these—of the utmost value for the teacher—such, for instance, as the learning process, economical methods of memorizing and making associations, the education of the senses, intelligence tests, etc., have little or no space in the ordinary text book. Each student also, as a special study, is required to deal with the psychology of some subject in the curriculum, as the psychology of spelling, of reading, of arithmetic, and the like.

8.—PSYCHOLOGY OF ADOLESCENCE. *Three hours credit.*

Summer Term, and First Semester.

Senior College. May be taken in place of course 7. A study of the important physical, mental and moral changes which are natural to adolescence. Given with the aim of laying a foundation for the pedagogy of secondary instruction.

9.—CLINICAL AND ABNORMAL PSYCHOLOGY. *Three hours credit.*

Second Semester.

Senior College. A study which includes disturbances and defects of personality. A study of the arrested and dull, the gifted and the genius. Attention is given also to the psychology of capacities and the Binet measuring scale of intelligence and other mental tests, using Whipple's Manual. The various phases of the psychology of tension and catharsis, the methods of psycho-analysis, including the association method, hypnotism, etc., are given some attention.

PHILOSOPHY.

10.—ETHICS. *Three hours credit.*

First Semester.

Junior College or Senior College. Elective. This course begins with a study of the developmental side of the subject. Attention is then given to the systematic side and practical applications made.

11.—HISTORY OF PHILOSOPHY. *Four hours credit.*

First Semester.

Senior College. Elective. This course includes: (1) Greek and Roman Philosophy, with the emphasis on Plato and Aristotle. (2) Mediæval philosophy, a rapid survey of early Christian and scholastic philosophy. (3) Modern philosophy, from Descartes to Kant. In connection with the outline given, the masterpieces are read so far as time permits.

12.—PHILOSOPHICAL SYSTEMS *Three hours credit.*

Second Semester.

Senior College. Elective. A systematic study of historical and current systems, such as materialism, realism, the various brands of idealism, etc.

13.—PROBLEMS IN MODERN PHILOSOPHY. *Two hours credit.*

First Semester.

Senior College. Elective. A study of certain tendencies in modern thought, such as absolute idealism, pragmatism, Bergsonism, etc. The content of this course varies with the time of offering it. Timeliness is made the guide.

SCHOOL ADMINISTRATION.

Professor MONROE.
Professor CAROTHERS.

1.—HISTORY OF MODERN EDUCATION. *Three hours credit.*

Second Semester.

Senior College. Beginning with the work of Rousseau and Pestalozzi, the development of our schools, their curriculum and the methods of teaching, will be examined in some detail. Special emphasis will be placed upon educational progress in the United States, and the whole account will be brought down to date. Recent and present educational progress will be considered.

2.—THE HISTORY OF ANCIENT EDUCATION. *Three hours credit.*

On sufficient demand.

Senior College. Open to students who have studied ancient history. This course aims to be of service to students intending to become secondary school teachers of Greek and Roman history or Latin. Important phases of the life of the Greeks and Romans of the several periods are studied, in order to gain a clear conception of the evolution of the educational ideals and practices of these people and the influence of these ideals and practices upon Greek and Roman life.

3.—PRINCIPLES OF EDUCATION. *Three hours credit.*

Summer Term, and First Semester.

Senior College. Prerequisite, Educational Psychology or Psychology of Adolescence. Required of all degree students. This course is devoted to a consideration of the function of the school as an institution of society, the curriculum and the principles underlying the administration of the curriculum.

4.—GRADED SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, General Methods and Observation. This course includes readings and reports upon the technique of classroom management and the study of the theory and practice of measuring the product of teaching. Emphasis will be given to the tests, scales and standards which have been devised.

5.—EDUCATIONAL ADMINISTRATION. *Three hours credit.*

Summer Term, and Second Semester.

Senior College. A course dealing with scientific management applied to the problems of education. This includes the use of educational measurements and standard tests as tools for supervision. A course for superintendents and principals.

6.—EDUCATIONAL RESEARCH. *Hours of credit to be arranged.*

Upon sufficient demand.

Senior College. A course for advanced students. It may be taken by correspondence.

7.—EDUCATIONAL MEASUREMENTS AND STANDARDS. *Two hours credit.*

Summer Term, and each Semester.

A course for teachers and supervisors in which they study the diagnosis of pupils by means of standard tests and remedial instruction.

8.—THE HIGH SCHOOL. *Two hours credit.*

Summer Term, and Second Semester.

The course is designed for high-school teachers, principals and superintendents. The growth and development of the American

high school; the origin of secondary curricula; major problems of high-school administration, with special reference to problems in Kansas high schools, are considered. This is a practical course for high-school teachers and administrators. (Carothers.)

RURAL SCHOOL ADMINISTRATION.

Professor CULTER.

1.—RURAL-SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

Junior College. This course is intended for those who are interested in rural schools or intend to teach in consolidated or small village schools. It consists of a study of the school site and grounds, modern schoolhouses, school hygiene and sanitation, training of teachers, play and playgrounds, the library and its uses, agriculture, consolidation, standardization of rural schools, etc. Emphasis will be placed on conditions as they exist in the country, and how to bring about a closer union of school and home.

2.—COUNTY SUPERVISION. *Two hours credit.*

First Semester.

In this course a study is made of certain sections of the Kansas school law, comparing our laws with those of other states. Other subjects considered are office work and the making of official papers, organization and administration of rural schools, maintenance of schools, supervision of rural schools, schoolhouse and grounds, consolidation, etc., using as a text Cubberley's Rural Life and Education and the Twelfth Yearbook of National Society for the Study of Education. This course is offered by correspondence.

3.—RURAL LIFE PROBLEMS. *Three hours credit.*

Summer Term, and Second Semester.

Junior College. This course consists of a discussion of the problems of rural life under the general topics of The Rural Problem, Rural Industrial Problems, and Rural Social Problems. We consider the specific problems of isolation, tenancy, roads, movement of farm population, home environments, schools, the church, farm organizations, social life, etc.

4.—NEEDED SCHOOL LEGISLATION. *Two hours credit.*

Will be offered during 1916-1917.

Junior College. The class will meet one evening each week for two recitation hours. The purpose of this course is to make a comparative study of the school laws of the different states and the various educational reports, with a view to framing one or more educational bills.

5.—GENERAL METHODS, OBSERVATION AND RURAL SCHOOL ADMINISTRATION. *Five hours credit.*

Each Semester.

Junior College. This course is a combination of the General Methods course, based on Dr. Charter's text "Methods of Teaching," and the course in Rural-School Administration outlined above. This course satisfies the Life Certificate requirements for Methods and School Administration.

6.—STATE AND COUNTY SCHOOL ADMINISTRATION. *Three hours credit.*

Summer Term.

Senior College. The work of this course will be based on Cubberley's Source Book in the above subject. Division one of this text treats of American federal and state policy; division two, of State

Administration Organization; division three, of Extent of the Educational System; division four, of Financing the School System; division five, of Material Environment and Equipment; division six, of The State and the Teacher; and division seven, of the Oversight of the State.

As this is a source book, no principles are established nor conclusions drawn. These will be left for the class to formulate. The class work will be conducted in the following manner: One member of the class will be assigned a certain topic, as Training of Teachers. He will study the subject, write his conclusions, and present them to the class. In the meantime the class will have studied the subject, and when the paper is presented the class will be ready to discuss and criticize the conclusions of the one who has made a special study of the subject. In this way each one will make a thorough study of a few topics and get a general view of all the work.

Physical Training.

CLAIR K. TURNER, Director of Physical Training for Men.

Miss MABEL L. SMITH, Director of Physical Training for Women.

HOMER W. HARGISS, Athletic Coach.

GEORGE R. BABB, Instructor in Physical Training for Men.

Miss BERNICE E. JOHNSON, Instructor in Physical Training for Women.

Miss IRENE WATSON, Instructor in Physical Training for Women.

Miss HELEN TAYLOR, Instructor in Physical Training for Women.

CERTIFICATE.

A special high-school certificate to teach Physical Training in Kansas high schools is issued for work in this department. For requirements for the certificate see page 50.

A major in Physical Training consists of all the theory courses offered, practice courses giving two hours credit each semester, and the following courses in other departments: Human Anatomy, Physiology, Hygiene and Sanitation, Physiology of Alimentation and Dietetics, First Aid to the Injured, Histology, Psychology of Adolescence, and Child Psychology. A minor of fifteen hours for men may include the following: Biological Sciences, Physics, Chemistry, and General Sociology; for women, General Sociology, Plays and Games in the Kindergarten Department, Fundamentals of Expression, Story Telling, and courses in Public School Music.

Athletic Fees.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee.

Gymnasium Costume for Men.—The regulation costume is worn in all classes. It consists of a white sleeveless shirt, white track pants and white tennis shoes. The suits complete can be secured from local dealers at the cost of two and one-half dollars.

Special Costumes for Men.—Suits are provided for students in football, and for the first and second squads in basket ball, baseball and track athletics. Uniform and all equipment is provided for those desiring military science, provided such students become members of the Kansas National Guard. White duck trousers and white quarter-sleeve shirts are required of students in the special classes for physical directors.

Gymnasium Costume for Women.—The regulation costume is worn in all classes. This consists of a black serge gymnasium suit and broad-toed black tennis shoes, sold by local merchants. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report at the director's office, where the second-hand suits of out-going students will be sold for about four dollars, or where new ones may be ordered for five dollars. Only *regulation* suits will be allowed on the floor.

THEORY.

MEN'S AND WOMEN'S DEPARTMENTS.

1.—PLAYGROUND SUPERVISION AND INSTRUCTION. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, History of Physical Education, except summer term. This course is half theory and half practice. The theoretical work deals with the psychology of play, adaptation of play to varying ages, necessity of supervision of play, construction and equipment for playgrounds, organization and daily programs; history and literature of the playground movement. Half the time of this course is devoted to the study and practice of playground games suitable for school children of the intermediate and upper grades. (Turner.)

2.—HISTORY OF PHYSICAL EDUCATION. *Two hours credit.*

Each Semester. (Turner.)

3.—MASSAGE AND REMEDIAL GYMNASTICS. *Three hours credit.*

Second Semester.

Prerequisite, Human Anatomy. Students in this course are given two hours of lecture work a week and are required to do practice teaching three hours a week in a corrective class. In this course are taught massage movements for the different parts of the body. Exercises are also given for drooping head, round shoulders, hollow back, spinal curvature and other mal-positions which should be corrected in the schoolroom. (Johnson.)

4.—THEORY OF COACHING AND MANAGEMENT OF MEN'S ATHLETICS.

Three hours credit.

Summer Term, and each Semester.

In this course a study is made of the different methods of teaching and coaching the major sports. The student gets a working knowledge and the finer points of football, baseball, basket ball and track athletics. Systematic written outlines are prepared and followed throughout the course. (Hargiss.)

5.—GENERAL TECHNIQUE. *Two hours credit.*

Summer Term, and each Semester.

For second year college students who are completing their work in physical training. Methods of handling classes in tactics, free-hand exercises, nomenclature and progression of exercises on heavy apparatus are taught. (Turner.)

6.—METHODS. *One hour credit.*

Summer Term, and each Semester.

Designed to give the student a working knowledge of play-ground and indoor games suitable for pupils of elementary and rural schools. Special attention is given to the arrangement of games and the manner of scoring game contests and play festivals. (Smith.)

7.—PHYSIOLOGY OF EXERCISE. *Two hours credit.*

Summer Term, and each Semester.

This is a special course for physical directors. It deals with the behavior of the muscles and lungs during exercise; the estimation of the heart's efficiency and the control of movement and nutrition during exercise. A careful study is made of the relation of age, sex, and occupation to physical training. (Babb.)

8.—APPLIED ANATOMY. *Two hours credit.*

Second Semester.

The practical application of anatomy from the standpoint of the physical director and athletic coach with particular attention to the action and coördination of the muscles. (Babb, Vestal.)

9.—ANTHROPOMETRY. *One hour credit.*

Each Semester.

Methods of measuring and testing the body, examination of the special senses, vitality and efficiency tests. Anthropometric methods, their place and values, statistical forms, graphic charts, etc. Determination of normal and abnormal variations. (Turner.)

10.—MASSAGE. *One hour credit.*

Each Semester.

A study of the systematic manipulation of the body surface by the hands in movements of stroking, pinching, kneading, and striking. Particular attention is given to the care of injuries common in athletics and gymnastics. (Turner.)

PRACTICE.

MEN'S DEPARTMENT.

Aims: The aims of this department are best expressed in the words of Geo. W. Ehler:

1. The development of organic power, the basis of vitality, the prerequisite to mental and physical efficiency.
2. To secure and maintain good posture, a harmonious muscular development, and a reasonable degree of bodily skill and grace.
3. To provide an incentive and an opportunity for every student to secure at least one hour's physical recreation daily as a balance to the sedentary demands of college life.
4. To conserve the social and moral values of games and sports and to secure to every student the fullest opportunity for their practice.
5. To develop the habit of exercise.
6. To train physical directors and instructors, play leaders and recreation directors for service in educational institutions, clubs, playgrounds, municipal recreation systems, etc.
7. To establish high ideals and efficient administration of athletics throughout the state.

In the practice of indoor and outdoor sports, attention is given to form and technique; adaptability of the individual to the various sports; conditions; rules and methods of scoring; team work and strategy. Teams for intercollegiate competition are maintained in football, basketball, track athletics and tennis.

The rules governing eligibility for participation in intercollegiate contests are those of the Kansas College Athletic Conference.

The school for physical directors is organized to prepare teachers for playground, athletic and gymnastic work in the schools of Kansas.

2.—ELEMENTARY GYMNASTICS. *One hour credit.*

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3.—INTERMEDIATE GYMNASTICS. *One hour credit.*

Body building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling. Prerequisite, course 2.

4.—ADVANCED GYMNASTICS. *One hour credit.*

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. Prerequisite, courses 2 and 3.

5.—MILITARY SCIENCE. *One hour credit.*

This is a course in modern military tactics. A study is made of military map making and trench digging. Target shooting with the latest army rifle is practiced. The instruction is given by regular officers of the Kansas National Guard.

6.—GYMNASTIC DANCING. *One hour credit.*

A series of vigorous dances demanding a great amount of activity are offered. The Sailor's Hornpipe, The Dance of the Jumping Jacks, The Sword Dances, and many others of like nature make up the course.

7.—FOOTBALL.

Given during the fall only to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

8.—BASKETBALL.

Classes are organized throughout the year. Class squads are organized from which teams are chosen for the interclass series. These games are played as curtain raisers to the intercollegiate games.

9.—BASEBALL.

Given in season. Individual and team practice. The squad is divided into teams graded according to ability.

10.—TRACK AND FIELD ATHLETICS.

Given in season, only to men in good physical condition as shown by physical examination. Cross-country running is given in season.

11.—TENNIS.

Given in season. Tournaments in both singles and doubles are held.

12.—SWIMMING.

Elementary and advanced instruction is given throughout the year.

13.—MAJOR TEACHING. *Two hours credit.*

WOMEN'S DEPARTMENT.

Purpose: The aim of the department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in

the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and systematic development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results be obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them, as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playgrounds athletics, games, and folk dances.

Freshman and Sophomore years.

Required, one hour per semester. (Three periods of work per week in gymnastics, athletics or other elective work during one semester of eighteen weeks gives one hour credit.)

2.—ELEMENTARY GYMNASTICS. Required of all beginners. Three periods a week for one semester.

3.—INTERMEDIATE GYMNASTICS. For students who have completed course 2, or its equivalent. Three periods a week for one semester.

4.—ADVANCED GYMNASTICS. Open only to students who have passed course 3 with high grades and physically adapted to apparatus exercises.

5.—PRACTICAL GYMNASTICS.

For all students during their second year of College work who have completed course 2. Three periods a week, two of which are floorwork, and one a lecture. Special attention is given to gymnastics, games and folk dances, suitable for the schoolroom and playground.

(a) During each half semester the lecture is given in the corrective department, where exercises and prescriptions are taught that may be used to correct common physical defects in children and older girls.

(b) The lecture for the other half semester is found in course 6.

6.—METHODS AND PRACTICE TEACHING.

For students who have completed course 5. Two periods for one-half semester.

(a) One period is a lecture pertaining to value of systematic exercise and games and some methods of teaching.

(b) One period of practice teaching and observation.

7.—CORRECTIVE GYMNASTICS. Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.

8.—OUTDOOR SPORTS. Open to all students who have completed two terms of gymnastics. Three periods a week in season. In his course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics and relay racing.

- 9.—SOCCER. Open to students who have passed eighteen weeks of gymnastics. One period a week for the one semester.
- 10.—BASKET BALL. Open only to students who are physically qualified and who have passed course 2.
- 11.—BASEBALL. One period a week in season.
- 12.—HOCKEY. One period a week in season.
- 13.—TENNIS. Open to all students having the privilege of electing athletics. One, two, or three periods a week.
- 14.—SWIMMING. One lesson a week is allowed each student.
- 26.—ÆSTHETIC DANCING (elementary). Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized, and is now considered one of the most important phases of gymnastic exercise.
- 27.—FOLK DANCING (intermediate). One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.
- 28.—ÆSTHETIC DANCING (intermediate). Open to all students who have completed course 26.
- 29.—FOLK DANCING (intermediate). One period a week. Open to all students who have completed course 27.
- 30.—FENCING. One period a week.
- 35.—INDIAN CLUBS. One period a week.
- 36.—CROSS BALL. One period a week.

Physics.

Professor TIDD.
Mr. VAN VORIS.
Mr. DRAKE.

This department is located on the third floor of Norton Science Hall, occupying a suite of the following rooms: Lecture room, elementary laboratory, advanced laboratory, light laboratory, photographic laboratory, department library, and office. Comprehensive equipment is furnished for the elementary and advanced courses. Electric current is supplied to all parts of this floor from a thoroughly up-to-date type of switchboard designed and built in this department. A gasoline engine, and other farm, home and school appliances are provided for study purposes. The heating and power plant has been developed into a laboratory for use in this connection.

MAJOR AND MINOR.

A maximum of twenty-five hours above the high-school course constitutes a major in Physics. A minor of fifteen hours should be taken from any of the following: Mathematics, Chemistry, Agriculture, Manual Training, Home Economics, or Biological Sciences, or from such other departments as will best meet the individual needs.

LABORATORY WORK.

Nearly all the courses require laboratory work, and, with few exceptions, the work is individual. The hours for laboratory will be indicated under the different courses in the program.

1a.—GENERAL PHYSICS. *Five hours credit.*

First Semester.

Junior College. A rapid survey of the whole field of physics with the cultural aspects emphasized. Designed for those who do not offer physics for college entrance. (Tidd.)

1.—MECHANICS OF SOLIDS AND FLUIDS, SOUND, AND HEAT. *Five hours credit.*

Each Semester.

Junior College. Prerequisites, one year each of algebra and geometry, and a strong course in high-school physics, or Physics 1a. It is recommended that trigonometry be taken before this course or at the same time with it. The subject matter is presented with the view of furnishing a practical knowledge as well as the development of the cultural aspects. (Tidd, Drake, Van Voris.)

2.—LIGHT, MAGNETISM, AND ELECTRICITY. *Five hours credit.*

Each Semester.

Junior College. Prerequisite, course 1, or its equivalent. The viewpoint is the same as in the previous course. The applications of light and electricity in the home, on the farm, and in the school are taken up in an applied way. (Tidd, Drake, Van Voris.)

3.—ADVANCED MECHANICS OF SOLIDS AND FLUIDS, AND HEAT. *Five hours credit.*

First Semester.

Junior College. Prerequisites, course 1 and 2, and Trigonometry. A knowledge of analytical geometry and calculus would be desirable. The subject matter in the latter part of this course is treated in an applied way with reference to heating and ventilating systems, the steam engine, the gas engine, etc. (Drake.)

4.—ADVANCED ELECTRICITY, MAGNETISM, AND LIGHT. *Five hours credit.*

Second Semester.

Junior College. Prerequisite, same as in course 3. The subject is treated in an applied way with reference to the usual applications of electricity on the farm, in the school, and in the home. It deals with light from the optical standpoint and takes up the illumination of school buildings and rooms. A careful study is made of the principles involved in the optical instruments. (Tidd.)

5.—TEACHING OF SECONDARY PHYSICS. *Two hours credit.*

Second Semester.

Senior College. Open only to those specializing in this department as a teachers' course and might well be taken in connection with 5a. Students must have had at least ten hours of college physics before undertaking this course. The organization of secondary physics courses, the equipment of laboratories, economical purchase of apparatus and supplies, care of apparatus, arrangement of laboratory, and a thorough examination of the state text and manual, are some of the matters dealt with in this course. (Tidd.)

5a.—PRACTICE TEACHING OF PHYSICS. *Two hours credit.*

Each Semester.

Senior College. Prerequisites, open only to those majoring in this department. It is suggested that this work be done in connection with course 5, or by those who have had some experience in teaching physics. It consists of teaching laboratory classes in high-school physics under critic supervision. (Tidd.)

6.—HOUSEHOLD PHYSICS. *Three hours credit.*

First Semester.

Junior College. Designed for those specializing in home economics. It consists of a course of lectures, assigned readings, and laboratory work treating of labor-saving devices in the home, the principles of heating, ventilating, and lighting, of color phenomena, thermal principles employed in cooking devices, musical instruments, and of electrical appliances used in the home. (Tidd.)

7.—SEMINAR AND CLUB. *One or two hours credit.*

Each Semester.

Senior College. Prerequisite, at least ten hours of college physics. An exhaustive study is made of some special problem of school interest such as can best be dealt with from the standpoint of the physicist, *e. g.*, heating, ventilating, and lighting systems of public school buildings, projection in the public schools, acoustic properties of school buildings, color effects, etc. The results of these researches are printed in bulletin form and distributed to the schools of this state. (Tidd.)

8.—FARM PHYSICS. *Five hours credit.*

Second Semester.

Junior College. Prerequisites, high-school physics, and must be specializing in agriculture. It takes up soil physics, farm machinery, electric and other light for the farm home, road making, rope tying, and such other topics as will give the best preparation in this line of work. (Van Voris.)

9.—ADVANCED D. C. AND A. C. ELECTRICITY. *Six hours credit.*

Second Semester.

Senior College. Prerequisites, course 4, or its equivalent. Four hours of the credit are earned in this course by the study and solution of problems in electricity in all its common applications, and in the study of electrical machines, and two hours credit in the electrical measurements made in the laboratory. (Tidd.)

10.—PHYSICS OF COMMON THINGS. *Two hours credit.*

First Semester.

Junior College. Designed for those majoring in grade- and rural-school work. It treats the common physical phenomena in relation to everyday life, and furnishes through laboratory and suggested sources an abundance of illustrative and suggestive material for the public-school teacher to utilize in various classes and in nature study and elementary science. (Tidd.)

11.—LABORATORY TECHNIQUE. *Two hours credit.*

First Semester (odd years).

Junior College. This is a laboratory and shop course in the making of simple apparatus for high-school laboratories. Simple lessons are given in the handling of glass—molding, blowing, etc. Instructions are given in the making of lantern slides, and students will be enabled to make up slides and apparatus to take with them to their schools.

12.—SOUND FOR MUSIC STUDENTS. *Two hours credit.*

First Semester (even years).

Junior College. Prerequisite, high-school physics. This course is designed especially for those who are specializing in music, and is to give them a physical basis for their musical studies. It is taken up from the acoustical standpoint. The theory of the production and reinforcement of sound in the various musical instruments is taken up, and the work is rendered thoroughly practical in this line.

13.—ADVANCED GENERAL PHYSICS. *Six hours credit.*

May be taken instead of course 9.

Senior College. Prerequisites, courses 1 and 2, and Calculus. This course is designed for those specializing in physics and mathematics, and for those who expect to take graduate work. It takes up an advanced treatment of the principles of general physics from the mathematical standpoint.

Physiology and Hygiene.

Professor WHITE.

A major of twenty-five hours is made up of all the courses offered, together with courses in other departments taken with the approval of the head of the Department of Physiology and Hygiene. A minor of fifteen hours should be selected from Biological Science, Chemistry, Household Science, or Physical Training.

1.—GENERAL PHYSIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Junior College. An elementary course with college credit for those students who have never taken physiology in high school, and will satisfy the three-year certificate requirement in physiology for these students. The work will consist of a comprehensive discussion of the basic principles of physiology, and emphasis will be laid upon the relation of the body functions to personal efficiency. From time to time laboratory apparatus and sections of normal tissue will be used to give a better idea of the subjects under discussion. Required for the Three-year State Certificate of students who have not had a half-year's work in high school.

2.—ADVANCED PHYSIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, a high-school course in physiology, or course 1. Frequent illustrations of the subject under consideration will be given by use of laboratory apparatus and methods. In addition to a careful discussion of the functions of the blood, lymph, digestive track, nervous system, skin, glands, respiratory organs, muscles, etc., conference topics will be assigned to each student during the course, on pertinent subjects on which students will be asked to make special research and read the results of their investigations in class.

3.—PHYSIOLOGY OF ALIMENTATION AND DIETETICS. *Two hours credit.*

Second Semester.

Senior College. Particular stress will be laid upon the study of the action of the enzymes, and the secretions of the glands of the stomach and intestines, also the secretions of the salivary glands of the stomach and intestines, also the secretions of the salivary glands and pancreas. The process of absorption, assimilation, emulsification, saponification, and their relation to nutrition, are

studied in detail. The calory values of the different constituents of food are given proper consideration, and the proper amount of each constituent in a daily diet with relation to the amount of physical or mental work done. A careful study of the bacteria of the alimentary tract, and conditions under which they multiply, will also be included. Prerequisite, 1 or 2, or General Chemistry.

4.—EXPERIMENTAL PHYSIOLOGY AND LABORATORY METHODS.

Two hours credit.

Second Semester.

Senior College. Prerequisite, Advanced Physiology. This course will include the actual performance of the various experiments in the laboratory and the setting up of all necessary apparatus. A knowledge of the technic of the experiments requiring live animals, such as the frog and chameleon, will also be gained.

5.—HYGIENE AND SANITATION. *Three hours credit.*

Summer Term, and each Semester.

Junior College. A course dealing with the practical phases of hygiene and sanitation as it affects the conditions under which we live and exist. A few of the subjects taken up will be as follows: Air, humidity and its effect on health; ventilation; dust and its removal; heating systems, methods, etc.; water—composition, properties, impurities, purification systems, filtration, sedimentation, reservoirs, watersheds, chemical tests, etc.; sewage removal, disposal plants, plumbing; garbage disposal, food—adulterants, laws applying, preservatives, energy value, etc.; exercise; clothing; personal hygiene, industrial hygiene, effects of certain occupations, etc.; length of working day; school hygiene, site, structure, medical inspection of, etc.; military hygiene; naval hygiene; soil; habitations—site, walls, foundations, roof; flies, mosquitoes, etc.; disease—epidemics, immunity, susceptibility, vaccination; disinfection—methods, etc.; quarantine—laws and customs in different localities; vital statistics. Practical field trips will be taken to observe dust removal, ventilation systems, heating plants, refrigeration plants, slaughterhouses, garbage incinerators, waterworks systems, etc.

6.—FIRST AID TO THE INJURED. *One hour credit.*

Summer Term, and each Semester.

Junior College. A course in emergencies and first aid to the injured is offered. This course will take up the important points under anatomy which are necessary, and a discussion of germs and infection, followed by a consideration of inflammation, its causes and symptoms. Briefly, the following conditions will be considered: First-aid materials, antiseptics, splints, tourniquets, shock, bruises, sprains, dislocations, fractures, burns of all kinds, hemorrhage, unconsciousness, convulsions, poisoning, sunstroke, frostbite, electric shocks and lightning, hiccough, corns, chilblains, etc. Artificial respiration after drowning accidents will be carefully taught; also thorough practice in all kinds of bandaging.

7.—HISTOLOGY. *Two hours credit.*

Second Semester.

Junior College or Senior College. A study of the structure of the organs and tissues of the body, both macroscopic and microscopic, including the glands, blood vessels, muscles, nerves, skin, kidney, liver, stomach, pancreas, spleen, etc. Laboratory work will be an integral part of the course. The permanent mounts of sections of tissue will be the property of the individual student at the completion of the course, and will be invaluable for illustrating work in physiology, for the teacher who wishes to get permanent results.

8.—HUMAN ANATOMY. *Five hours credit.*

First Semester.

Junior College or Senior College. Study of the bones, muscles, and internal organs. A thorough study is made. Prerequisite, Advanced Physiology.

9.—SCHOOL AND PERSONAL HYGIENE. *Three hours credit.*

Summer Term, and each Semester.

This course will take up particularly those problems arising in the hygiene and sanitation of the public school and grounds. It will also emphasize personal hygiene as it is related to the pupil and to the teacher; personal prophylaxis and how to encourage it will also be carefully considered. The school nurse and medical inspection of schools will be important topics.

Public Speaking and Expression.

Professor GILSON.
Mr. LASHER.
Mr. KARR.
Miss HICKOK.

It is the purpose of the Department of Public Speaking and Expression to enable its students to speak the English language distinctly and correctly; to express the masterpieces of literature with true meaning and feeling; to address an audience easily and effectively; and to have so thorough a knowledge of the methods used that they may teach the subject wisely.

A major in Public Speaking and Expression is made up of all the courses offered in the department, together with courses selected from other departments with consent of the head of the Department of Public Speaking and Expression. A minor must be taken from the work of another department. Suggested minors are English, and Economics and Sociology. Folk and Æsthetic Dancing and Vocal Music courses may be submitted as part of a minor with consent of the head of the Department of Public Speaking and Expression.

1.—FUNDAMENTALS OF EXPRESSION. *Three hours credit.*

Summer Term, and each Semester.

Junior College. A course in the underlying principles of expression, including training in voice, pronunciation and bodily expression as applied to interpretation of literature. The course is designed to help teachers make all oral exercises in the classroom intelligent and pleasing. Some practice will be given in story telling, and causes and remedies for defective speech will be considered.

2.—DRAMATICS. *Two hours credit.*

Summer Term, and each Semester.

Junior College. Prerequisite, course 1, or its equivalent. A course in presentation of farces and plays. The aim of the course is to gain a clear understanding of the dramatic form in literature and to give the student practical knowledge of how to stage a play.

3.—ARGUMENTATION AND DEBATE. *Three hours credit.*

Each Semester.

Junior College. A good text is used for the basis of actual work in debate. The matter of debate work considered both as to form and matter.

4.—PUBLIC SPEAKING. *Three hours credit.*

Summer Term, and each Semester.

Junior College. A course in extemporaneous speech. Phillip's Effective Public Speaking is used as a text; and much drill is given in the presentation of speeches. The aim of the course is principally to give the student ease and effectiveness in public speech.

5.—ADVANCED PUBLIC SPEAKING. *Two hours credit.*

Each Semester.

Junior College. Prerequisite, course 4, and Composition and Rhetoric. A course in the more formal type of public address, considered both as to delivery and construction.

6.—ADVANCED EXPRESSION. *Three hours credit.*

Each Semester.

Junior College. Prerequisite, course 1. A continuation of course 1. Drill in platform work, arranging programs, making readings from stories and plays.

7.—PRIVATE LESSONS.

Junior College. It is necessary that the student who majors in this department have much individual work. For this the private lesson is offered, to be arranged after consultation with the head of the department. A special fee is required for this course.

8.—METHODS IN ORAL ENGLISH. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, courses 1, 2, 4. A pedagogical course dealing with the teaching of the following forms: Reading, Extemporaneous Speaking, Debate, Orations, School Plays.

Sociology and Economics.

Professor SMITH.

A maximum of twenty-five hours constitutes a major in this department. A minor of fifteen hours must be selected from the work of another department. Selected minors are: American History, Commerce, European History, General Pedagogy.

SOCIOLOGY.

1.—GENERAL SOCIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Junior College and Senior College. Prerequisite, Elementary Psychology. The first half of the semester outlines the general field of sociological theory, literature and thought, with a textbook, assigned readings, papers and discussions. The second half of the semester will be used in investigating a variety of topics dealing with dependents, defectives and delinquents, sociological legislation and reform, rural and urban life. Lectures, assigned readings, reports and term papers.

2.—SOCIOLOGICAL PROBLEMS. *Two or four hours credit.*

On sufficient demand.

Senior College. Prerequisite, General Sociology. The nature of the work will vary from term to term, a part of it being in advanced theory and art in detailed topical investigation.

3.—SOCIAL PATHOLOGY. *Two hours credit.*

Summer Term.

This course is a general study of dependents, defective and delinquents. Special attention will be given to conditions in Kansas and the penal, charitable and educational institutions established to care for the poor, the insane, the unfortunate and the criminal. Various plans for improving present conditions will be investigated and the best scientific thought along these lines elaborated. Open to those who have had general sociology or abnormal psychology.

4.—EDUCATIONAL SOCIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Senior College. Prerequisite, Psychology. The most remarkable developments in the educational field in the past few years have been along social lines. The individualistic point of view is giving way to the social, and the school is becoming more and more a part of community life. The affiliation of the school with the home and the church, with industry and the government, must be made more complete and perfect. To emphasize this broader point of view, and to trace fully the relation of the school to the other educational institutions of life, is the purpose of educational sociology.

5.—THE SOCIALIZATION OF THE CURRICULUM. *Two hours credit.*

Summer Term.

Prerequisites, General Methods and Observation, General Psychology, also General Sociology unless special permission of the instructor is secured. A seminary course consisting of detailed studies of the means and methods of working over each subject in the public-school curriculum so that it will fit the pupil most easily and effectively for meeting the actual conditions of life outside the schoolroom. May well be taken in connection with Educational Sociology.

6.—RURAL SOCIOLOGY. *Three hours credit.*

Second Semester.

A study of social conditions and problems in rural districts and villages. An analysis is made of the various agencies for rural betterment such as the need of amusement, social organization and co-operation, school and church centralization. Particular attention is paid to Kansas conditions and the detailed study of one rural community with a class report upon it is demanded. Given in alternate years.

7.—GENETIC PSYCHOLOGY II. *Two hours credit.*

See Department of Psychology.

8.—SOCIAL PSYCHOLOGY. *Two hours credit.*

See Department of Psychology.

ECONOMICS.

1.—GENERAL ECONOMICS. *Three hours credit.*

Each Semester.

Junior College. Senior College students are admitted to this class by consent of instructor. A brief survey of the principles of economics, with a preliminary application of these principles to existing business conditions. Special attention will be devoted to local and national politico-economic questions before the public at the present time. In so far as possible it will be an applied rather than a theoretical course, and will be of especial advantage to debaters and those interested in public affairs.

2.—MONEY, BANKING, AND PUBLIC FINANCE. *Four hours credit.*

First Semester.

Senior College. Prerequisite, General Economics. The first half of the semester is devoted to the general history and principles of money and credit; banking history, theory and practice, and some of the financial problems of the day. The last half of the semester will be devoted to public finance. This course includes an analysis of the fundamental principles of national finance as shown in the leading revenue systems of the world; the variety, nature and workings of the different elements of taxation in our national, state and municipal budgets, and a study of the specific tax problems before the state of Kansas. By special consent of the instructor and adviser the two parts of this course may be taken separately and two hours credit given.

3.—COMMERCIAL AND INDUSTRIAL HISTORY. *Three hours credit.*

On sufficient demand.

Senior College. Course 3 is a history of commerce. It traces the rise of trade and commerce in ancient times, its development during the Crusades and the age of the Hanseatic and other commercial leagues, and its enormous expansion in recent times; also the effects of geographical conditions, customs and economic ideas upon commerce, and the reactionary effect of commerce upon civilization and national development. It embraces a review of the colonial industrial system, the growth of manufactures, the internal improvement and tariff questions, the development of our banking and currency systems, and the rise and treatment of our trust and monopoly problems.

4.—LABOR AND TRANSPORTATION PROBLEMS. *Four hours credit.*

Second Semester.

Senior College. Prerequisite, General Economics. A brief history of labor organizations, with a preliminary study of such problems as the union label, strikes and boycotts, workingmen's insurance, employer's liability, profit sharing, and labor legislative programs. This will trace briefly the history of transportation in the United States and Europe, then take up the problems of tariffs, capitalization, organization, judicial control, state regulation of our railways, and a brief review of our maritime and inland waterway policies.

5.—RURAL ECONOMICS. *Two hours credit.*

Summer Term.

In this course the theories of economics most prominent in agriculture are emphasized. The illustrative material used is drawn mainly from farm sources. It is intended to make the course as distinctly practical as possible.

THE NORMAL TRAINING HIGH SCHOOL.

ITS AIM AND PURPOSE.

The purpose of the Normal Training High School is to prepare better teachers for the rural schools of Kansas. The chief aim of its curriculum is to impart specific information which will qualify teachers to meet and solve the problems of rural education in a superior way. It is intended primarily for persons who have not had, at high-school age, opportunities to do high-school work, and who have had teaching experience or who intend to become teachers. Persons who have high-school advantages in their home towns are not encouraged to enter.

The general atmosphere of the school and the professional courses which are given by rural-school experts have a tendency to create in the prospective rural teacher those attitudes of mind toward country life which are in sympathy with the nation-wide movement for improvement of that field.

The Normal Training High School, by maintaining classes of high-school grade, is in a position to offer special opportunities for observation and practice teaching to teachers who expect to enter the high schools of the state. With an enrollment of five hundred serious-minded boys and girls gathered from the rural districts and villages of the state in which only meager educational facilities are provided, and the graduation annually of approximately one hundred teachers, the Normal Training High School is prepared to serve not alone the students of the institution of which it is a part but the rural and high schools of the state as well.

ADMISSION.

Persons who have completed the work of the eighth grade are admitted to the Normal Training High School. Persons who have less than four years high-school work to their credit should continue their work there. Those who have done any high-school work elsewhere should submit transcripts of record of work done. Blanks for this purpose may be had by writing the registrar. They should be filled in by the principal of the high school attended and sent to Principal W. H. Carothers, Emporia by May 15 if the student wishes to enter for the Summer Term and by August 15 if the student wishes to enter in September. Such transcripts of record are necessary to admission. *Do not bring monthly or yearly grade cards or diplomas.*

REGISTRATION AND WITHDRAWAL.

See statement, pages 17 and 18.

SOCIAL PRIVILEGES.

The Faculty of the Normal Training High School, realizing that the period of adolescence is the time at which appear new social instincts, have provided such forms of social activity as will tend to acquaint the student with the forms and conventions of properly regulated society.

This is largely accomplished through various clubs and literary organizations under Faculty direction. Students are also entertained annually in the homes of the Faculty members. The C. S. Club is a type of social organization in the Normal Training High School. It is composed of boys and young men who desire to study social forms and usages and to train its members to meet society in the best possible manner. The C. S. Club is under the sponsorship of Miss Maude Minrow.

The Civics Club, under the direction of Miss Brogan, aims to supplement the class work by giving the student a greater appreciation of what active citizenship should mean. The Normal Masques, sponsored by Mr. Lasher, and the Athenians, a literary society composed entirely of secondary students, are about the most useful of the social organizations.

AMOUNT OF WORK.

Students must register in not less than three and not more than four subjects. In some cases mature persons with teaching experience may carry five subjects per semester. One unit is the normal amount for completion during the Summer School. Occasionally a student of marked ability and experience may complete one and one-half units.

CREDIT.

A unit of credit is a year's work done in one subject in a class reciting fifty-five minutes daily for thirty-six weeks.

GRADUATION.

Students are permitted to complete their work at the close of any semester. Diplomas and certificates are awarded in June and August.

To receive the diploma of the Normal Training High School, pupils must have completed sixteen units of work, ten units of which are required and six are elective.

The required work includes three units of English, one of algebra, one of geometry, one of botany or agriculture, one of physics or chemistry, one of history, one-half of hygiene physiology, one-half of civics, and one selected from the list of arts, found in group 6, page 126. One-half unit only in physical training, and three units in music may be counted toward graduation. Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course.

To secure the One-year State Certificate, the following units must be completed: English three, mathematics two and one-half, of which one-half must be arithmetic or bookkeeping, science two and one-half, which shall include one-half unit each of geography and physiology, history one, civics one-half, methods and management one-half, psychology one-half, arts one, elective four and one-half.

The residence requirement for both the High-school Diploma and the One-year State Certificate is one semester, in which the student must carry work giving not less than four units of credit in addition to work in physical training.

COURSE OF STUDY.

Studies in CAPITAL LETTERS are prescribed in all courses. Only when strict conformity works a positive hardship on the student will any exceptions be made. Subjects which are continuous through the year must be completed. For example, a student who expects credit in Latin I must complete Latin II. Pupils are not permitted to take less than three subjects nor more than four without the consent of the high-school principal, and no student who is failing in two subjects shall be allowed to continue his work unless there be recommendation to the contrary from the teachers involved. Only one-half unit in physical training, one-half unit in chorus singing and one unit in instrumental music may be counted towards graduation.

GENERAL COURSE OF STUDY.

FIRST YEAR.

First Semester.

GRAMMAR and COMPOSITION.
BOTANY I or AGRICULTURE I.
Arithmetic I.
Latin I.
German I.
Bookkeeping I.
Penmanship I.
Ancient History I.

Second Semester.

NARRATION and DESCRIPTION.
BOTANY II or AGRICULTURE II.
ALGEBRA I.
Latin II.
German II.
Bookkeeping II.
Music I.
Ancient History II.

SECOND YEAR.

First Semester.

EXPOSITION.
ALGEBRA II.
Cæsar I.
Typewriting I.
Woodworking I.
Modern History I.
Free-hand Drawing I.
German Conversation and Composition I.
Intermediate Music.

Second Semester.

ARGUMENTATION.
GEOMETRY I.
Cæsar II.
Typewriting II.
Woodworking II.
Modern History II.
Free-hand Drawing II.
German Conversation and Composition II.
Stenography I.

THIRD YEAR.

First Semester.

ENGLISH LITERATURE.
PHYSIOLOGY.
GEOMETRY II.
French I.
Joinery.
Cicero I.
Stenography II.
Speed Practice Typewriting.

Second Semester.

ENGLISH LITERATURE.
CIVICS.
Solid Geometry.
French II.
Cabinet Making.
Cicero II.
Geography.
Stenography III.

FOURTH YEAR.

First Semester.

American Literature.
PHYSICS I or CHEMISTRY I.
Advanced Arithmetic.
Foods and Sewing.
Psychology.
Virgil I.
American History I.

Second Semester.

American Literature.
PHYSICS II or CHEMISTRY II
Advanced Algebra.
Foods and Sewing.
School Administration.
Virgil II.
American History II.

ONE-YEAR STATE CERTIFICATE COURSE.

Since the greater part of the student body in the Normal Training High School are preparing to teach, and usually do teach for a period between their high-school work and their college work, the course leading to the One-year State Certificate is given a place by itself. Sixteen units are required. The residence requirement is one semester.

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.

Oral English, 1 unit.

Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, $1\frac{1}{2}$ units.

Geometry, $1\frac{1}{2}$ units.

Arithmetic, 1 unit.

Bookkeeping, $\frac{1}{2}$ unit.

Required: Two and one-half units, one-half unit being arithmetic, or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted:

Botany, 1 unit.

Physics, 1 unit.

Agriculture, $1\frac{1}{2}$ units.

Geography, $1\frac{1}{2}$ units.

Physiology, $\frac{1}{2}$ unit.

Required: Three units, one-half unit being geography, and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted:

American history, $1\frac{1}{2}$ units.

European history, 2 units.

Civics, $\frac{1}{2}$ unit.

Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted:

Methods and management, $\frac{1}{2}$ unit.

Psychology, $\frac{1}{2}$ unit.

Required: One unit.

GROUP 6.—ARTS.

May be submitted:

Drawing, 2 units.

Music, 3 units.

Physical training, $\frac{1}{2}$ unit.

Manual training, 2 units.

Domestic science or domestic art, 2 units.

Penmanship, 1 unit.

Required: One unit.

ELECTIVE.

Required: Four units.

Normal Training High School Courses.

No course will be offered unless registered for by eighteen students.

The summer term, and the first and second semester, indicated below as the time when these courses are given, make up the school year June 1, 1916, June 6, 1917.

Agriculture.

In the high-school agriculture, plant and animal life are always studied from the economic point of view. Such fields as fruit growing and market gardening are studied profitably. Well-organized facts concerning the fertility of our soils are taught, and the pupil comes to realize that the future of Kansas and of the nation depends upon the efforts of the individual farmer in building up the productivity of his soil. In general, high-school agriculture opens up a field for fruitful thought along these lines, and whenever any one has reached such a mental condition due to his education, he has been made a better citizen and a more capable teacher.

FARM CROPS (AGRONOMY). *One-half unit credit.*

Summer Term, and each Semester.

This course includes a study of the grain crops, hay and fodder crops, root and tuber crops, fiber crops and legumes. There is also a detailed consideration of insects and obnoxious weeds, with methods of control. This is a practical course in the study of agronomy.

FARM ANIMALS (ANIMAL HUSBANDRY). *One-half unit credit.*

Summer Term, and each Semester.

A course including a study of types and breeds of farm animals, feeding, live-stock judging, dairying and its relations to Kansas problems of soil fertility.

FARM MANAGEMENT. *One-half unit credit.*

This course includes crop rotations, plant and animal breeding, the common diseases of animals and their treatment, farm machinery, farm buildings, and the keeping of records and accounts. This is a practical course for the teacher who expects either to do high-school work or to make a specialty of rural teaching. Required of those expecting special recommendation for teaching in rural schools. Prerequisites, Agriculture I and II. Deposit, 50 cents.

HORTICULTURE AND FORESTRY. *One-half unit credit.*

This is a new course, but will be required of those who expect recommendations either for special fitness for rural-school teaching, or to teach agriculture in a high school. It covers a new phase in secondary education in Kansas, as elsewhere, and includes fruit growing, market gardening and trucking, marketing produce, care of orchards and small fruit farms, sprays and spraying, and practical forestry for Kansas.

Students taking this course will be furnished vacant lots, plants and seeds, spraying outfits, hoes, rakes, etc., if desired. The student may choose his own plants, and follow any phase of gardening or trucking he desires, provided it be consented to by Mr. Phipps. Part of the class time will be spent in care of the lot, and the grade given

in the course will be largely determined by the merits of the work done and the results shown. The produce will be marketed co-operatively, and the net profit returned to the student.

SCHOOL GARDENING. *One-fourth unit credit.*

Summer Term, and Second Semester.

The topics studied are, the improvement of rural and city school grounds, school gardens, and the planting of ornamental shrubs and trees.

Botany.

ELEMENTARY BOTANY I. *One-half unit credit.*

Summer Term, and each Semester.

Topics considered: A study of the so-called lower plants with especial emphasis on bacteria and their relation to health, to the preservation of foods, and to soil production and fertility; a similar treatment of fungi, and the origin and nature of a seed. The method is strictly developmental throughout. Text: Bergen and Caldwell's Introduction to Botany. A deposit of seventy-five cents is required in each of these courses to guarantee the return of apparatus entrusted to the student.

ELEMENTARY BOTANY II. *One-half unit credit.*

Summer Term, and each Semester.

The previous course will be continued, with a comparative study of seeds, their germination, their structure and contents; the general structure and work of plants—their roots, stems, and leaves, and the significance of these; plant products and industries connected with them; a consideration of some of the leading families of plants—their uses, characteristics, and distribution; plant improvement, including plant breeding. This study includes field and laboratory work, illustrated lectures, class discussion, and recitations. No credit is given for either of these courses without the other. Text and deposit the same as in Botany I.

Chemistry.

CHEMISTRY I. *One-half unit credit.*

First Semester.

A study of the principles and laws of the science, with something of its history. The course will include a detailed study of the most typical nonmetallic elements and of some of the more useful metals. It will also cover an introduction to the study of some of the simpler and more familiar organic compounds. The student becomes familiar with such laboratory methods of filtration, evaporation, precipitation, neutralization, distillation and weighing as will give him facility in analysis in the work of the second semester. Text: Olson's Pure Foods. Laboratory fee, \$1.

CHEMISTRY II. *One-half unit credit.*

Second Semester.

Practical analysis is continued throughout the semester. The work includes both qualitative and quantitative analysis of such familiar things as tea, coffee, baking powder, vinegar, fruit juices, water, milk, foods—including tests for adulteration, preservatives, artificial colors and flavors. The chemistry of dyeing and stains receives attention. The more common remedies and patent medicines are examined. The course is elastic enough to allow it to be adapted to the needs of the class and the interest of the individual student. Text: Allyn's Elementary Applied Chemistry. Laboratory fee, \$2.

Commerce.

BOOKKEEPING I. *One-half unit credit.*

Summer Term, and each Semester.

The elementary principles of bookkeeping are studied, and applied in the use of the journal-daybook, cash book, sales book, and ledger. Thorough drill is given in the opening and closing of accounts and in making trial balances and statements. The course includes simple business practice.

BOOKKEEPING II. *One-half unit credit.*

Each Semester.

Prerequisite, Bookkeeping I. The student handles a large number of business forms and uses school currency. Special attention is given to the classification of accounts and to making business and financial statements.

BOOKKEEPING III. *One-half unit credit.*

Prerequisite, Bookkeeping II. This course includes the accounts of a large business in which subsidiary ledgers, special column books, and very comprehensive forms of business and financial statements are used.

PENMANSHIP I. *One-half unit credit.*

Summer Term, and each Semester.

No prerequisite. Study of correct position. Muscular movement is used and drills given for the mastery of movement. Development and analysis of both capitals and small letters and of figures. The aim is to develop a rapid and legible handwriting.

COMMERCIAL LAW. *One-half unit credit.*

Each Semester.

It is the aim of this course to present clearly the more important points of business law that are likely to arise in everyday affairs. The leading principles of contract law, illustrated by references to court decisions, are studied, and their application to practical matters is shown. Open to Seniors.

TYPEWRITING I. *One-half unit credit.*

Each Semester.

Beginning with a mastery of the keyboard by the touch method, the student is given a series of progressive exercises in writing words, sentences, and business letters, leading to the acquisition of practical speed and accuracy in writing ordinary business and literary matter.

TYPEWRITING II. *One-half unit credit.*

Each Semester.

Prerequisite, Typewriting I. Continued drill is given to attain speed and accuracy. Business letters, common legal and business papers, and tabulating exercises are given. The student is trained to write smoothly and rapidly and without error, any kind of miscellaneous matter or business documents.

STENOGRAPHY I. *One-half unit credit.*

Summer Term, and each Semester.

No prerequisite. Mastery of principles is the principal aim in this course. Careful attention is given to the correct formation of characters and outlines, and constant drill given in reading shorthand notes. Suitable dictation is given from the beginning.

STENOGRAPHY II. *One-half unit credit.*

A continuation of course I. A gradual increase of speed is sought, but is made subordinate at all times to legibility of notes. Shortening principles, phrasing, and transcriptions are taken up in a series of progressive exercises.

STENOGRAPHY III. *One-half unit credit.*

A continuation of course II. This course includes advanced speed practice, with drills in rapid reading and transcription of notes.

STENOGRAPHY IV. *One-half unit credit.*

Continuation of course III. Designed to give the student skill to take rapid dictation and transcribe with accuracy and correctness.

Drawing.

The courses of art education in the Secondary School aim to familiarize the student with fundamental art principles, so that he may apply them to the problems of everyday life, likewise to create in him a love for the beauties of nature and an appreciation of all art forms.

ELEMENTARY FREE-HAND DRAWING I. *One-half unit credit.*

Summer Term, and each Semester.

This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of free-hand drawing in outline from models—forms of pottery, books, boxes, plants, trees, buildings, etc. The materials used are, pencil, charcoal, colored crayons, white and tinted papers, blackboard. Silhouette drawings of flowers, trees, animals, and the human figure in action are made with brush and India ink. This course includes simple problems in design, as surface patterns and borders applied to wall papers, book covers, rugs, etc.; also, a working knowledge of perspective principles, both free-hand and mechanical.

ELEMENTARY FREE-HAND DRAWING II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, free-hand drawing. This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of principles of perspective as applied to the drawing of objects in values (light and shade) with charcoal and pencil on white and tinted paper, also on blackboard with chalk and charcoal. Further study of design, including color harmonies; also decorative treatment of letters of the alphabet, landscape and plant forms.

English.

Six semesters of English are required, and they must be taken in the following order: Grammar and Composition; Narration and Description; Exposition; two semesters of English or American Literature, or one of each; Argumentation. Public Speaking and one year of Literature are electives.

As indicated by the names of the course, a sharp line is drawn between English and literature, but the two are not entirely divorced, as some literature is used in the constructive courses, while both oral and written reports are a part of the courses in literature. A great deal of attention is paid to oral composition, primarily for its own sake rather

than because of its important relation at times to the written work required.

Literature is studied rather than a textbook about literature. History is made thoroughly incidental, being used only as a background. The library furnishes an abundant supply of histories of literature, and the students are referred to them when desired. In place of studying by the chronological or period plan, the students study types of literature. In each case they are introduced first to the best efforts of present-day writers and later to the classics of earlier times. The underlying idea is to arouse in the student an appreciation of and a real liking for good literature rather than to make the courses dominantly informational.

GRAMMAR AND COMPOSITION. *One-half unit credit.*

Summer Term, and each Semester.

It is sought in this course to make the study of English grammar practical and profitable. Stress is laid on principles that affect speech and writing, and themes are assigned that require the immediate use of these principles. Grammar is made a reasoning and not a memory subject. A study is made of the student's own language rather than the language of the classics. Methods and suggestions as to the presentation of this work to beginners are frequently presented.

NARRATION AND DESCRIPTION. *One-half unit credit.*

Each Semester.

Prerequisite, Grammar and Composition. Throughout this course the emphasis is placed on oral and written composition, the aim being to produce freedom and spontaneity of expression. The structure of the sentence receives special attention, and no student is allowed credit for the course who is unable to speak or write a clear, forceful sentence. The subjects for composition are narrative and descriptive, and the principles of this composition are derived from the study of fiction.

EXPOSITION. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, Grammar and Composition, Narration and Description. This course presupposes a knowledge of sentence structure and of the paragraph as a unit. In the composition work emphasis is largely placed upon oral and written explanations of things which the individual pupil is using in his life outside the English classroom or which appeal most strongly to his interest. Proper organization of material is made the dominant element in the course. This is stressed in the thoroughgoing work on paragraph development and the study of the entire theme. There is careful consideration of the gathering of material, the making of logical outlines, and the writing or speaking from these outlines. Well-edited magazines and newspapers are used almost entirely as models in the study of applying the principles of rhetoric to composition.

ENGLISH LITERATURE I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, Grammar and Composition, Narration and Description, Exposition. The novel and poetry are the types studied in this course. The chief authors from the age of Chaucer to the present are taken up. Special emphasis is placed upon modern writers, the aim being to train students to discriminate intelligently in their present-day reading, and to appreciate and enjoy literature.

ENGLISH LITERATURE II. *One-half unit credit.*

Each Semester.

Prerequisites, Grammar and Composition, Narration and Description, Exposition—English Literature I not necessary. Attention in this course is concentrated on the essay and drama. The work of modern writers is carefully studied before going back to Addison and Shakespeare. Some attention is given to classroom dramatization.

AMERICAN LITERATURE I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, Grammar and Composition, Narration and Description, Exposition. This course includes a study of the short story, novel, essay, and oration. Representative authors, for the most part modern, are selected for intensive class study, this study forming a basis for criticism and appreciation of outside reading, which is as intensive as the possibilities of the class permit. The object of the course is to provide a first-hand knowledge of present-day American prose literature.

AMERICAN LITERATURE II. *One-half unit credit.*

Each Semester.

Prerequisites, Grammar and Composition, Narration and Description, Exposition—American Literature I not necessary. This course takes up a study of poetry and drama. Contemporary writers of verse and the older American writers are read. The method of studying poetry is intensive, since the aim of the course is to teach the student to enjoy and appreciate poetry. The work in drama is intended to give the student a good knowledge of modern playwrights, their methods and material, and to create an interest in American drama.

ARGUMENTATION. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, Grammar and Composition, Exposition, and two semesters of literature. As Argumentation is made the final course in required English, it serves as a review of constructive work as well as a study of argument. Considerable emphasis is placed upon practical phases of writing, such as business and social correspondence. Newspaper writing is also made a part of the work, the Normal High School Record in the Normal Bulletin being in charge of this class. Various forms of written argument are considered, but most stress is laid upon oral types, informal discussions as well as formal debates on subjects of current and school interest being used. Well-edited magazines are made a basis for some of this work.

PUBLIC SPEAKING. *One-half unit credit.*

Each Semester.

Prerequisites, Grammar and Composition, Narration and Description, Exposition. This course is designed to give practical training in public speaking. Selection of material and its proper organization are considered, as well as methods of effective presentation. The course is given largely to practice rather than theory. Considerable attention is paid to extemporaneous talks and an effort made to secure ease and effectiveness in public speech. Some work in dramatics and parliamentary law are included.

Geography.

PHYSIOGRAPHY. *One-half unit credit.*

Summer Term, and First Semester.

A study of land forms and of the atmosphere, of the agencies that have affected the earth's features or that are now changing them. Attention is always given to geographic influences upon life and upon history. The laboratory work consists of the study of topographic maps, visits to the museum, and field trips.

POLITICAL GEOGRAPHY. *One-half unit credit.*

First Semester.

A general course in common-school geography, made more intensive than is ever possible in the grades. This course is a study of the most important countries of the world. Emphasis is laid on the physical basis for the development of the agriculture of any nation, and a knowledge of natural resources as a basis for industrial development. Many special references are given.

COMMERCIAL. *One-half unit credit.*

Second Semester.

A study of the world's chief commercial commodities and the factors influencing their production, distribution and development. Text, Robinson's Commercial Geography.

Government.

A practical and, as far as possible, a first-hand acquaintance with the actual working of our government in its local, state and national phases is the aim of this work. It is felt that the student can begin to study most intelligently that form of government which he sees in daily manifestation close at hand. As a consequence he begins with the township and city. A study of their government acquaints him with many things connected with the state government. This, in turn, gives him a basis which enables him to interpret what he finds in the national government. The fact that our government is constantly changing is kept before the classes in this work, by careful attention to newspapers and magazines in their discussions of various problems and how they are being dealt with in the various departments of our government.

GOVERNMENT. *One-half unit credit.*

Summer Term, and each Semester.

The work begins with a short study of township government in connection with conditions in rural communities. City government is then taken up; some of the problems of cities are studied in connection with visits to the city offices. This is followed by a more extended study of the county government. Here again the classes visit the offices they are studying. The remainder of the term is devoted to the state government. The second term of the semester takes up the historical development of the constitution of the United States, followed by a study of the legislative, executive and judicial departments of the national government. By careful division into legislative, executive and judicial groups, the members of each class are given a better insight into the actual processes of legislation and administration.

COMMUNITY CIVICS. *One-half unit credit.*

Summer Term, and Second Semester.

Elective. This course may be substituted for course 1. The feeling that merely studying the constitution does not help much to make good citizens has long been growing. One test of the value of a subject in the high-school curriculum is how it functions in the life of the students. The State Normal Training High School was probably the first in the state to offer this work in community civics. Most earnest efforts are made to have the student see the importance of local regulations and his relation and responsibility in connection with them. He lives his life in a community; he should know what it demands of him and what he should expect from it.

The work of this course consists of a study of local affairs. It is conducted by personal visits and investigations. In every possible way the members of the class are given an opportunity to see how local community and governmental affairs are actually carried on. The court room, the city and county offices, the streets and roads, the waterworks, etc., are the laboratories for this work. Local government, *i. e.*, township, city and county, receive most careful consideration. The state and national governments come in for attention near the close of the semester in the group work described above in course 1. Special problems, such as franchises, municipal ownership, health regulation and immigration, are studied by the debate method. The aim of the course is to turn out citizens who will have an active interest in the affairs of the communities into which they may go.

American History.

AMERICAN HISTORY I. *One-half unit credit.*

Each Semester.

The founding of the republic, 1492-1817. The most important discoveries and explorations, with the European conditions leading up to them, are considered extensively. Virginia and Massachusetts are studied thoroughly as types, the other colonies only in their contributions to later movements and institutions. Both the Revolutionary War and the War of 1812 are studied from the standpoint of cause and effect. Particular emphasis is placed on the social and political development of the colonies and states during this period. Text: Muzzy's American History.

AMERICAN HISTORY II. *One-half unit credit.*

Summer Term, and each Semester.

This course covers the period from 1817 to the present time, and deals with the development of national policies, with the struggle between national and state interests, and with the social and political problems leading to the Civil War. Emphasis is laid on the cause, result and principal events of this war. Reconstruction and its problems are studied from the standpoints of both the North and the South, and students are sometimes referred to the text in American history officially approved by the Confederate Veterans' Association, that they may see how the men of the South looked at national policies during the days of struggle and now. The major part of the last half of the course is devoted to events of recent years, as Spanish-American War, colonial possessions and their problems, civil service, immigration, Panama canal, trusts, and changes in political parties. Text: Muzzy's American History.

CURRENT EVENTS. *One-half unit credit.*

Summer Term, and each Semester.

The department has found this course essential to students of high-school age. These students often have only textbook knowledge

and care little for reading of the conditions and problems of the present time. This course gives them an opportunity to become interested in topics of general knowledge and culture. The course is based upon articles in the leading newspapers and periodicals, and is not confined exclusively to historical subjects, but to all items of general information.

European History.

ANCIENT HISTORY I AND II. *One unit credit.*

Throughout the year.

This course covers the essentials of the history of the Oriental nations and takes a more detailed study of Greece and Rome. It carries the work through the period of Charlemagne, the barbarian invasions, and the nationalization of Europe, closing with the year 1700.

MODERN HISTORY I AND II. *One unit credit.*

Throughout the year.

Course I traces the history of Europe from 1700, through the Industrial Revolution and the French Revolution to the Congress of Vienna, 1815.

Course II begins with 1815 and makes a careful study of modern nations. Special emphasis is laid upon the history of the past fifty years, and the relations of the nations up to the present time. Current history is an essential part of both courses offered.

Home Economics.

One semester each is given to art and science of home-making. The work in each is given for two hours daily from two to four p. m. and offers one-half unit credit.

DOMESTIC ART. *One-half unit credit.*

First Semester.

The course includes hand and machine sewing, pattern drafting, making of undergarments, study of color and design, adaptability of style to individuals, making of one dress. Deposit, 50 cents.

DOMESTIC SCIENCE. *One-half unit credit.*

Second Semester.

The course includes a study of foods, selection and preparation of foods, serving, dining-room and table equipment. Laboratory fee, \$4.

Latin.

The aim of the courses in Latin is to acquaint the student with the life, language and civilization of the Roman people. The great civilization centering in the "Eternal City" from which come modern law, military tactics, great literature and the abundant enrichment of the English language is fundamental in the interpretation of modern life. No subject in the curriculum is so basal to the work of every other department. Courses, beginning Latin I to Cicero II, inclusive, offered each semester.

BEGINNING LATIN I. *One-half unit credit.*

The course completes one-half the text with attention to declensions, conjunction of the indicative mode, comparisons, etc. Stories

from mythology and legendary Roman history are introduced early. The subject is correlated with English grammar and thereby the student is made more familiar with his mother tongue. Open to students without previous knowledge of Latin. Text: Smith's Latin Lessons.

BEGINNING LATIN II. *One-half unit credit.*

Last half of the Smith text completed. Special attention is given to the subjunctive and to reviews. The course concludes with some of the easier selections from Cæsar's Gallic War. Open to those who have had Latin I and to those who desire a review.

CÆSAR I. *One-half unit credit.*

A study of Books I and II. The present world's war has for its western campaign practically the same theater as that of the first three campaigns of Cæsar in Gaul. In this respect the two wars are kept constantly correlated. The masterful generalship of Cæsar affords great interest. The student learns that the Teutonic ambition for territory westward is by no means recent. This course affords a basis for extended translation, with stress laid on case usage. Texts: Walker's Cæsar, Bennett's Grammar, Bennett's New Latin Composition, Part I.

CÆSAR II. *One-half unit credit.*

Books III and IV of the Gallic war. Prose composition continued from Cæsar I. The principles of Latin syntax are more firmly grounded, especial attention being given to the modes. Cæsar's Gallic campaigns and the initiatory campaign in Britain mark the advent of the Roman element into French and English civilizations. Texts: Same as for Cæsar I.

CICERO I. *One-half unit credit.*

The four orations against Catiline. Ciceronian eloquence and its influence on modern oratory. The conspiracy of Catiline with reference to Roman social and political life and comparisons with modern social conditions. Careful study of syntax, with especial attention to conditional sentences, analysis of each oration and prose based on the text. Texts: Bennett's Cicero, Bennett's New Latin Composition, part II.

CICERO II. *One-half unit credit.*

Orations for Pompey, Archias and Marcellus. An investigation of Roman political institutions and advanced study of syntax. Prose composition continued. Texts: Same as for Cicero I.

VIRGIL I. *One-half unit credit.*

First Semester.

The translation of Books I-III of the Æneid. The beauty of ancient literature, the rhythmic movement of the hexameter and the poetic nature of Roman life reach their highest form in this great epic. Some study of scansion and mythology; short papers and reports on related topics. Text: Knapp or Bennett.

VIRGIL II. *One-half unit credit.*

Second Semester.

Translation of Books IV to VI, inclusive. Supplementary mythology. The author's place in literature. The Æneid as a whole. Papers and reports.

Manual Training.

ELEMENTARY MECHANICAL DRAWING. *One-half unit credit.*

Summer Term, and each Semester.

A course in the elements of mechanical drawing, including exercises in the use of instruments, geometric constructions, free-hand lettering, orthographic projection of simple solids at various single angles, and the application of orthographic projection in making working drawings, tracings and blue prints.

ADVANCED MECHANICAL DRAWING. *One-half unit credit.*

A continuation of the above course, giving practice in orthographic projection of more complicated objects, and in double angles; surface developments, sections, isometric and cabinet projections, shadows, and some application of the principles of practical drafting.

FARM CARPENTRY AND SHOP PROBLEMS IN MATHEMATICS.

One-half unit credit.

A course in the principles of construction, and the application of mathematics to the practical daily problems of building as required about the home or on the farm. The shop work will consist of framing of simple structures, and typical parts of the more complex structures, giving a working knowledge of the steel, square and other common carpenters' tools.

ELEMENTARY WOODWORK. *One-half unit credit.*

Summer Term, and each Semester.

A course in wood construction suited to the intermediate and lower grammar grades. Work with tools at the bench will be required. Simple models selected to illustrate and give practice in the use of the common woodworking tools will be made.

ADVANCED WOODWORKING. *One-half unit credit.*

A continuation of the above course, dealing with models appropriate for the grammar grades. Work requiring greater skill in the use of tools will be selected, and students will be expected to plan and execute several original or adapted models, in addition to those in an assigned course.

JOINERY. *One-half unit credit.*

Summer Term, and each Semester.

A course beginning with a series of joint exercises illustrating the common joints in wood construction and continuing into the application of some of these in appropriate models.

CABINETMAKING. *One-half unit credit.*

A course in advanced woodworking, dealing with models requiring more accurate use of the tools. Some attention will be given to the lines and decorations, with the methods of securing pleasing effects through wood combination, inlaying and simple carvings.

WOOD TURNING. *One-half unit credit.*

A beginning course in wood turning, with instructions on the care and uses of the lathe; practice in the sharpening of the usual turning tools—chisels, gouges, parting tools, etc. The students will be required to make a series of exercises between centers on the lathe, beginning with the cylinder, through progressive modifications, showing the characteristic uses of the tools; followed by the turning of several useful pieces for further practice in the uses of the lathe.

ADVANCED WOOD TURNING. *One-half unit credit.*

A continuation of the above course, giving further study to the lathe and its uses, including problems in hollow turning, faceplate and chunk work, as illustrated in the making of rosettes, boxes, goblets, etc.

Mathematics.**1.—REVIEW ARITHMETIC.** *One-half unit credit.*

Summer Term, and each Semester.

Drill in the fundamentals with integers and fractions, common factors and multiples, and square root. Denominate numbers, including the metric system. The fundamentals of mensuration: i. e., area of square, rectangle, parallelogram, triangle, trapezoid, and circle; volume of rectangular solid, pyramid, prism, cylinder, cone and sphere. Pythagorean proposition and its applications. Problems in analysis and simple proportion, and its general applications to concrete problems. Percentage and its general applications. Business applications of percentage, interest, commercial discount, bank discount, commission, taxes, insurance, stocks and bonds. Longitude and time.

2.—ALGEBRA I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 1, or a good foundation in arithmetic. The notion of general number developed through formulas; e. g., $i = prt$, $d(\text{distance}) = rt$. Positive and negative numbers, their sum and their difference. Exponents and their laws, the four fundamental operations and factoring. Linear equations in one variable. Applications.

3.—ALGEBRA II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 2. Factoring, solution of equations by factoring; fractions and fractional equations. Systems of linear equations and graphs. Square root, surds and the simple facts of imaginary numbers necessary to the quadratic equation. Quadratic equations solved by the three methods with applications. Ratio and proportion.

4.—PLANE GEOMETRY I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 3. Triangles, parallel lines, quadrilaterals, polygons, loci and circles. Methods of attacking exercises.

5.—PLANE GEOMETRY II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 4. Ratio and proportion, similar figures, areas, regular polygons and circles. Applications of geometry to practical problems.

SOLID GEOMETRY. *One-half unit credit.*

Summer Term, and Second Semester.

Prerequisite, course 5. Elective in Secondary School. For description see course 4 under Collegiate Mathematics.

ADVANCED ARITHMETIC. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, one year each of Algebra and Geometry. Elective in Secondary School. For description see course 1 under Collegiate Mathematics.

ALGEBRA III. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 5. Elective in Secondary School. For description see course 3 under Collegiate Mathematics.

Modern Languages.

Language study belongs to the Normal Training High School rather than to the College, because it calls to a great extent for memory and imitation. The pupil will save time in the end by devoting as early a period of his school life as possible to language study, and by leaving the sciences to a relatively later period. The drill in accuracy, observation and analysis required in language work will be strong aid in later work in science.

The study of a foreign language has one or more of three main values: Disciplinary, cultural, and practical. To give a sentence correctly in a foreign language requires accuracy and rapidity of thought, close observation, and careful analysis of both foreign and native language, for each word must be correct in itself and have the proper place in relation to other words in the sentence.

FRENCH.

French is an elective subject throughout the course, and one unit of it will be offered, organized along the lines of the German courses which follow, as the demand for them arises.

GERMAN.

Aside from the cultural and disciplinary value which the study of any language possesses, the practical side of German is easily apparent. The ability to express one's self in a foreign tongue is a power, and our courses are planned to give the students such power. In commercial life, the salesman is enabled to understand the habits and thoughts of the buyer. For one traveling in Germany the ability to speak the language of the country saves time and money and doubles the pleasure of the trip.

Besides classroom work, a German play will be given annually. The students always find this well worth while, on account of the careful drill in pronunciation and the feeling gained that the language is real and alive. A German club will meet once a week to give the pupils in the department a social hour together, such as the German people themselves enjoy at their coffee hour.

ELEMENTARY GERMAN I. *One-half unit credit.*

Summer Term, and each Semester.

Allen's Daheim. Walter-Krause's Beginners' German to lesson 30.

ELEMENTARY GERMAN II. *One-half unit credit.*

Each Semester.

Walter-Krause's Beginners' German and Allen's Daheim completed. The central idea of this work in the first year of German is to introduce the pupils to a foreign language in the easiest and

most natural way, *i. e.*, by speaking and hearing it. The composition work will consist mostly of simple original sentences, gradually working into complex sentences.

CONVERSATION AND COMPOSITION I. *One-half unit credit.*

Volkmann's *Kleine Geschichten* or Stern's *Geschichten vom Rhein*, Storm's *Immensee* and Chiles German Prose Composition.

CONVERSATION AND COMPOSITION II. *One-half unit credit.*

Each Semester.

(1) Heyse's *Niels mit der offenen Hand*, Riehl's *der Fluch der Schönheit*, and Wildenbruch's *Das edle Blut*, or (2) Chiles German Prose Composition completed. The conversation will be based on the reading, the object being to teach the students to get the contents without translation. The paragraph will be developed during this year in both conversation and composition. As a test of thoroughness of the work idiomatic English translations will be called for as needed.

CONVERSATION AND READING. *One-half unit credit.*

First Semester.

Fulda's *Unter vier Augen*, Baumbach's *Der Schuregersohn* or Seidel's *Lebercht Huhnchen*, Freytag's *Die Journalisten*, Bacon's *Im Vaterland*.

SCHILLER. *One-half unit credit.*

Second Semester.

The first half of the year will contain a summary of the elements of German grammar, worked out in conversation and composition. *Im Vaterland* will be used for conversation only, and is valuable as a means of bringing the student in close contact with everyday life in Germany. The second half year will be a study of Tell as a German classic.

Music.

ELEMENTARY SIGHT SINGING. *One-half unit credit.*

Summer Term, and each Semester.

This course introduces all the essential rudiments, and aims at ability to read music in the treble clef, accurately, at sight.

INTERMEDIATE SIGHT SINGING. *One-half unit credit.*

Summer Term, and each Semester.

Elementary music, or its equivalent, required for admittance. This course introduces more difficult music, bass clef, and four-part singing.

GIRLS' CHORUS. *One-fourth unit credit.*

Summer Term, and each Semester.

Prerequisites, Elementary and Intermediate Music. Rehearsals twice a week for eighteen weeks, including drill on four-part choruses for girls' voices and production of an operetta or cantata.

MEN'S CHORUS. *One-fourth unit credit.*

Summer Term, and each Semester.

Rehearsals twice a week for twenty weeks for the study of four-part choruses for men's voices. Private instruction in voice and piano may be obtained upon application to head of the department. Rates, \$10.50 to \$18 per term of eighteen lessons, for which one-sixth unit of credit is granted.

Physical Training.

Athletic Fee.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

FOR MEN.

Gymnasium Costume.—The regulation costume is worn in all classes. It consists of a white sleeveless shirt, white track pants and white tennis shoes. The suit complete can be secured from local dealers at a cost of two and one-half dollars.

The student in the Normal Training High School of the Kansas State Normal has an ideal opportunity for education in physical training. He has access to one of the finest gymnasiums in the state. In this building, with its patent running track, four basket-ball floors, two apparatus floors, wrestling, fencing and boxing rooms and swimming pool, are eight fully trained instructors, two of whom have special charge of the work for the Normal Training High School.

Adjoining the gymnasium is the best athletic field in the state, with a cinder quarter-mile track and a two-hundred-and-twenty-yard straight-away, a football field, four baseball diamonds, and nine tennis courts. One section of this field is set aside for the use of the girls, and is equipped for playground ball, cross ball, soccer and other courts for outdoor sports.

The students of the Normal Training High School have their own athletic association, and put out teams in all the major sports. These teams have the advantage of professional instruction by college coaches and are generally successful. The association adopted as their honor letter a six-inch block "N" which is given to men who distinguish themselves in athletics.

Required.—Three hours a week for four semesters. The credit given for this will count as half a unit toward graduation and the One-year State Certificate.

As the work in physical training varies with the season, the semester is divided into two terms of nine weeks each. Work must begin upon entering school, and the student is required to complete it during the first two years of his course unless he is excused by the Physical Director, in which case he must make up the work before graduation. Of the required work, two teams each year must be in class gymnastics. The student may elect the terms in which he makes his gymnastic requirement. During the other two terms he may elect work in any athletic sport that is offered. As the midwinter terms are best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

- 2.—ELEMENTARY GYMNASTICS. Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.
- 3.—INTERMEDIATE GYMNASTICS. Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling.
- 4.—ADVANCED GYMNASTICS. Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus.
- 8.—FOOTBALL. Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.
- 9.—SOCCER FOOTBALL. Given in season. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.
- 10.—BASKET BALL. Classes are organized each semester of the year. The A. A. U. game is taught to elementary classes and the intercollegiate game to the first and second teams. An interclass series is played.
- 11.—BASEBALL. Given in season. Individual and team practice. The squad is divided into teams graded according to ability.
- 12.—TRACK AND FIELD ATHLETICS. Given in season, only to men in good physical condition as shown by physical examination. Cross-country running is given in season.
- 13.—TENNIS. Given in season. Tournaments in both singles and doubles are held during first and fifth ten weeks.
- 14.—SWIMMING. Elementary and advanced instruction is given throughout the year.

FOR WOMEN.

The aim of this department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and symmetrical development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playground, athletics, games, and folk dances.

Required.—Three periods of work per week in gymnastics, athletics, or other elective work during the first two years of work in residence.

One-half unit credit, which may apply on requirements for graduation and One-year State Certificate. Of this requirement, one-fourth must be in athletics or other elective work, but the other three-fourths must be regular gymnasium class work, which consists of marching tactics, free-hand or light hand-apparatus exercises, games or fancy steps. A semester of gymnastics must be completed before a student may substitute elective work.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit and broad-toed tennis shoes. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report to the Director's office, where second-hand suits of outgoing students will be sold for about four dollars, or new ones may be ordered for five dollars. Only regulation suits will be allowed on the floor.

- 2.—ELEMENTARY GYMNASTICS. Required of all beginners. Three periods a week.
- 3.—INTERMEDIATE GYMNASTICS. Required of all students who have completed course 2. Three periods a week for at least one semester.
- 4.—ADVANCED GYMNASTICS. Open only to students who have passed course 3 with high grades and are physically adapted to apparatus exercises.
- 7.—CORRECTIVE GYMNASTICS. Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak back, pronated ankles or other physical weaknesses.
- 8.—OUTDOOR SPORTS. Open to all students who have completed two terms of gymnastics. Three periods a week, in the spring and fall. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics, and relay racing.
- 9.—SOCCER. Open to students who have passed one semester of gymnastics. One period a week for the first half of the first semester.
- 10.—BASKET BALL. Open only to students who are physically qualified and who have completed course 2. One period a week.
- 11.—BASEBALL. One period a week in the second half of the second semester.
- 12.—HOCKEY. One period a week in the spring and fall.
- 13.—TENNIS. Open to all students having a privilege of electing athletics. One, two, or three periods a week.
- 14.—SWIMMING. One lesson a week is allowed each student.
- 26.—ESTHETIC DANCING. (Elementary.) Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized and is now considered one of the most important phases of gymnastic exercises.
- 27.—FOLK DANCING. (Elementary.) One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.

- 28.—ESTHETIC DANCING. (Intermediate.) One period a week.
29.—FOLK DANCING. (Intermediate.) One period a week.
35.—INDIAN CLUBS. One period a week.
36.—CROSS BALL. One period a week.

Physics.

PHYSICS I. *One-half unit credit.*

Summer Term, and each Semester.

Properties of matter, motion; characteristics of liquids and gases, work, energy, and heat. The needs and interest of the pupil are kept constantly in mind. The subject is adapted to the pupil instead of adapting the pupil to the subject. During the year the class visits the ice plant, gas works, street railway and railroad car shops, foundry, steam and water mills, telephone exchange, water-works, heating and ventilating plants, and such other places of interest as opportunity offers.

PHYSICS II. *One-half unit credit.*

Summer Term, and each Semester.

Magnetism, electricity, sound and light. Students having special aptitude are given opportunity to do extra work, such as making motors and dynamos, batteries, erecting telephone and telegraph systems, and wireless telegraph stations. They study and test the efficiency of machines, hot-air and gas engines. An abundance of apparatus, selected with reference to the needs of the pupils, is used by the instructor in demonstrating the class work and by the pupils in the laboratory. Text: Black and Davis's "Practical Physics."

Household Physics.

Open to young women, especially those taking Domestic Science. May be taken instead of the regular Physics I and Physics II with the consent of the instructor. The class visits many places of interest during the year. Laboratory work accompanies each course. Text: Lynde's "Physics of the Household."

HOUSEHOLD PHYSICS I. *One-half unit credit.*

First Semester.

Light, heat and sound, in their relation to the home. The construction, operation and efficiency of steam cookers, fireless cookers, water heaters, vacuum bottles, refrigerators and as many other appliances as possible are studied under the subject of heat. Light and sound are treated in a similar way.

HOUSEHOLD PHYSICS II. *One-half unit credit.*

Second Semester.

Magnetism, electricity and mechanics practically applied. A study of carbon and tungsten lamps, many heating and cooking utensils, door-bells, telephones, burglar alarms, meters and a large number of mechanical devices constitute this course.

Physiology.

HYGIENIC PHYSIOLOGY. *One-half unit credit.*

Summer Term, and each Semester.

A good working knowledge of anatomy and physiology is given the student, but special emphasis is placed upon hygiene in all its phases. The pupil is taught those conditions that tend to the best development and health. To this end the subjects of food, circulation, respiration, excretion, exercise, athletics, etc., are considered with special reference to the needs of the individual. The cause, prevention and treatment of the more common diseases are quite fully treated. The aim of this course is to enable the pupil to care for his body properly rather than to commit to memory a large number of technical terms or even to be able to write a specified number of rules of health. Conn and Budington's *Advanced Physiology and Hygiene*.

Psychology.

ELEMENTARY PSYCHOLOGY. *One-half unit credit.*

Summer Term, and each Semester.

Psychology is taught from the point of view of the intending Teacher, and as many as possible of the illustrations and applications of the various subjects discussed are drawn from the schoolroom and its problems. Pupils are asked always to draw their illustrations from their own experience, and to test and prove whether or not the deductions of the author studied are correct. Frequent practice in introspection is given. Text: Bett's *The Mind and Its Education*.

School Administration.

GRADES SCHOOL MANAGEMENT. *One-half unit credit.*

Summer Term, and each Semester.

This course will be open to students of the Secondary School who have had two or more years of experience as teachers in rural or graded schools, and to such students only. It will be conducted as a rapidly moving class. While this will be a general course, considering the work in both graded and ungraded schools, the emphasis will be placed on conditions as found in the village and small city school. Colgrove's *The Teacher and the School* will be used as a textbook.

RURAL-SCHOOL METHODS AND MANAGEMENT. *One half unit credit.*

Summer Term, and each Semester.

This course is organized for Secondary School students who expect to do more or less teaching before entering their college work. It consists of a study of school site and grounds, house and equipment, school hygiene and sanitation, preparation and personality of the teacher, first day, daily program, play and playgrounds, school government, school incentive, school ethics, the recitation, how to study, library and its use, agriculture in the country school, consolidation and rural-school problems.

The work in methods embraces the visitation of our Model Rural School and the discussion of methods of teaching in rural schools, laying special stress upon primary reading, language teaching, seat work, and nature study.

REGISTER OF STUDENTS.

THE COLLEGE.

GRADUATE STUDENTS.

Bauer, Audrey, Wichita.
Belting, Charles Henry, Emporia.
Bixler, Mrs. W. S., Emporia.
Brooks, Flora, Emporia.
Brown, Jennie Helen, Everest.
Coleman, Mary L., Emporia.
Conner, Fern, Emporia.
Curry, Bessie, Emporia.
Darrrough, Abbie M., Emporia.
Engle, Lawrence, Emporia.
Fickel, Walter E., Agenda.
Frankenberger, Donald, Emporia.
Granger, W. B., Emporia.
Grimes, Edna L., Marion.
Grubb, Laura, Phillipsburg.
Harms, Ernest L., Emporia.
Hartenbower, Vera, Douglass.
Haynes, Edith, Emporia.
Hege, Flora, Emporia.
Hege, Helen, Emporia.
Howard, Sherman, Erie.
Iden, Gaye, Emporia.
Johnson, E. Amelia, Cleburne.
Jones, Humphrey, Emporia.
Lasher, George, Emporia.
Little, Lettie, Emporia.
Loevenguth, John C., Udall.
McCurdy, Frances, Kansas City, Kansas.
Minner, Lucy, Soldier.

New, George R., Emporia.
Newbry, Lillian, Emporia.
Nicholas, Charles, Emporia.
Ogg, Tressa R., Ottawa.
Oliver, Charles W., Topeka.
Osterhout, Fred W., Baldwin City.
Parke, Marian, Emporia.
Potter, Elizabeth, Emporia.
Richards, Beatrice, Emporia.
Schmidt, Francis Albert, Arkansas City.
Shields, Louise F., Topeka.
Shillington, Sadie, Emporia.
Skoglund, David S., Emporia.
Smedley, Marie S., Wichita.
Starbeck, Catherine, Emporia.
Stavely, Pluma, Lyndon.
Swan, Mary C., Emporia.
Tepler, Ellen, Ottawa.
Thompson, Henry, Cottonwood Falls.
Thompson, Roy H., Emporia.
Vestal, Dorothy, Ind.
Viall, Charlotte, Chicago, Ill.
Walker, G. R., Hutchinson.
Watson, Irene, Emporia.
Whitby, Lillian, Emporia.
Wiley, Geneva, Emporia.
Williams, Jennie, Emporia.
Wooster, Florence, Emporia.

COMPLETED WORK FOR B. S. DEGREE, JULY 29, 1915.

Bleam, Louise, Osborne.
Briggs, Ruby, Sedgwick.
Chandler, Roscoe, Colony.
Cole, Mabel A., Emporia.
Coleman, Cora, Emporia.
Flear, Thomas Henry, Greenleaf.
Dudley, Lillian, Emporia.
Foster, Annette, Hays.
Franzen, J. H., Canton.
Fronk, Mary R., Meriden.
Gore, Alvin G., Emporia.
Gratton, Stella Rae, Emporia.
Holton, Ethel, Miltonvale.
Jenks, Gertrude, Howard.
Jevons, Beulah, Wakefield.

Kraemer, Cornelius, Beattie.
McCullough, Edna, Emporia.
Meyer, Walter, Linn.
Miner, Verne E., Burlingame.
Miles, Kate, Waverly.
McGuffey, Verne, Erie.
Rees, Ernest C., Girard.
Squire, Edwin O., Bucklin.
Thompson, William R., Ness City.
Wiley, Beulah, Olathe.
Wood, Walter A., Beattie.
Zavodsky, Elmer E., Cuba.
Gallagher, Bernice, Emporia.
Thompson, Clarence A., Halstead.

COLLEGE SENIORS.

CANDIDATES FOR B. S. DEGREE IN JUNE, 1916.

Blakeley, Myrtle, Emporia.
Brandenburg, Georgia, Bushong.
Bright, Ira J., Leavenworth.
Chapman, Minnie Alice, Kansas City.
Cottrill, Jeanetta, Emporia.
Crosswhite, William T., Parker.
Diver, Mrs. Roxie Minner, Neosho Falls.
Forde, Mary E., Emporia.
George, William Henry, Hiawatha.
Graham, Bessie, Neodesha.
Hart, Harry B., Dexter.
Hartwig, Fred W., Humboldt.
Jones, Catherine Helen, Emporia.
Jones, Charles F., Elwood.
King, Wesley T., Moline.
Latshaw, Estella, Pratt.
Linscheid, Emily R., Arlington.

Mauck, Gladys, Emporia.
Molesworth, Fred L., Emporia.
Nanninga, Tjaart, Emporia.
Palmer, Florence, Hope.
Payne, Ruth Elizabeth, Emporia.
Puliver, Grazella, Emporia.
Rindom, Frank O., Liberal.
Ringburg, Myrtle, Lindsborg.
Russell, Edward O., Manhattan.
Schlagle, Leslie, Wolcott.
Stephenson, Mrs. Edith Wayland, Republic.
Sterba, Charles C., Cuba.
Thomas, Nannie, Home.
Wade, Elizabeth, Emporia.
Watson, W. M., Emporia.
Weatherly, Marie, Emporia.
Woods, William P., Garden Plain.

COLLEGE SENIORS—Continued.

CANDIDATES FOR B. S. DEGREE IN AUGUST, 1916.

Alsop, Inez, Wakefield.
 Brock, Edythe, Nortonville.
 Coleman, Eunice, Emporia.
 Cowell, Carolyn Julia, Clay Center.
 Ellis, Cora, Merriam.
 Faidley, Jennie, Broughton.
 Hall, Nellie, Emporia.
 Hall, Nora M., McPherson.
 King, Adelaide, Junction City.
 Lock, Chlora Faye, Emporia.
 Lyness, Arthur, Emporia.
 Mileham, Zillah, Newton.
 Morrison, Roy L., Emporia.
 Mullarkey, Ethelwyne, Glasco.
 Myers, Launah, Minneola.
 Nanninga, Carrie, Emporia.
 Nelson, Martin V. B., Tully.
 Pace, J. Gage, Mound City.
 Patton, Fannie, Topeka.
 Prather, Nelle, Ashland.
 Rauscher, J. Howard, Emporia.
 Rich, Elsie R., Emporia.
 Stevenson, Edmund J., Emporia.
 Stiles, Ethel, Crestline.
 Taylor, Bernice, Sedgwick.
 Thompson, Clair C., Bonner Springs.
 Wade, Adah, Emporia.
 Walters, Fred C., Toronto.
 Weatherly, Mrs. Josephine, Emporia.
 Williams, Birdie, Osawatomie.

COLLEGE SENIORS NOT COMPLETING WORK FOR B. S. DEGREE.

Baker, Annie Florence, Topeka.
 Baustain, Henry F., Lucas.
 Breneman, John, Hoyt.
 Callaway, Arthur, Douglass.
 Correll, Effie, Americus.
 Cox, Pearl, Wichita.
 Cross, Maude, Emporia.
 Davis, Nannie, Clearwater.
 Decker, Albert I., Fredonia.
 Dewey, Delmer, Chanute.
 Engstrom, Ruth, McPherson.
 Fleming, Henry J., Sterling.
 Gordon, Helen, Viola.
 Gower, Frances, Russell.
 Hail, Ruth, Emporia.
 Hamilton, W. T., Florence.
 Hare, Fannie, Chanute.
 Haynes, Helen A., Emporia.
 Hege, Loy, Emporia.
 Honn, Blanche, Iola.
 Jewett, Fred A., Burlington.
 Johnson, Elizabeth A., Emporia.
 Jorgenson, Fred, Council Grove.
 Kirchner, Arthur, Baldwin.
 Kissell, Neva Mae, Emporia.
 Kitchen, Claude, Baldwin.
 Knoch, Frieda, Lincoln.
 McConnell, W. W., Council Grove.
 Meuser, M. Louise, Paola.
 Morrill, Fred A., Emporia.
 Norton, Bernice, Cawker City.
 Parks, Grace, Topeka.
 Pierson, Wren, Burlington.
 Rearck, Vida, Altoona.
 Rees, Mary, Emporia.
 Rogers, Alice, Emporia.
 Rosecrants, Ola Grace, Wichita.
 Rowland, Albert, Emporia.
 Salser, Alden, Freeport.
 Sexton, Lucile, Severy.
 Sloan, James C., Eskridge.
 Smith, Orra, Lakin.
 Soper, Austin, Emporia.
 Stephens, Mrs. Myrtle C., Emporia.
 Stewart, Margaret, Ottawa.
 Strawman, Jennie, Emporia.
 Tolin, C. M., Soldier.
 Townsend, Janie, Girard.
 Wallace, Roy, Emporia.
 Ward, Cora V., Arkansas City.
 Waterman, Maude, Florence.
 Wells, Claudia, Barnes.
 Wells, Glenn, Williamsburg.
 White, W. P., LeRoy.
 Williams, Joyce, Oklahoma City, Okla.
 Williams, Mary, Emporia.
 Williamson, Ralph, Emporia.

COLLEGE JUNIORS.

Adams, Alta M., Emporia.
 Adams, Minnie, Bronson.
 Allison, Bessie, Cottonwood Falls.
 Altman, Harlan, Emporia.
 Armstead, Lucile, Emporia.
 Atherton, Sarah Ann, Emporia.
 Austin, Letta, Formoso.
 Barr, Erna, Diamond Springs.
 Barry, Harry, Meriden.
 Belting, John, Emporia.
 Berger, Leal, Wilson.
 Betz, Neva, Beloit.
 Bibler, Jeanette, Florence.
 Bierschback, Elsie M., Newton.
 Black, Margie, Emporia.
 Blackmer, Nellie, Scott City.
 Blakely, Georgianna, Emporia.
 Bonwell, Gladys, Emporia.
 Bowman, Melvin E., Benedict.
 Branscom, Gladys Mae, Emporia.
 Briggs, Clifton, Emporia.
 Brittain, Emma, White City.
 Burns, Amy A., Emporia.
 Bursch, Charles, Buffalo.
 Carroll, Marguerite, Alma.
 Cleland, Alice, Emporia.
 Coffey, Clara, Frankfort.
 Cole, Richard, Emporia.
 Coleman, J. Sidney, Emporia.
 Crissman, Mrs. Ethel, Larned.
 Cross, Mrs. Claude, Garrison.
 Cure, Ida Mae, Atchison.
 Davis, Carrie, Emporia.
 Davis, Edith J., Arkansas City.
 DeTar, S. Ione, Edgerton.
 DeVoss, Lewis E., Emporia.
 DeWitt, C. J., Salina.
 Dickason, Essie, Emporia.
 Downing, Myrtle, Little River.
 Dunsworth, John, Emporia.
 Eakes, Alice, Caney.
 Eccles, Eveline, Hutchinson.
 Edmonds, Harold, Emporia.
 Ellenberger, Lena, Emporia.
 Elliott, Almedia, Wichita.
 Elvin, Cora, Toronto.
 Englund, Sigrid, Falun.
 Englund, William, Garden City.
 Evans, Cynthia, Olathe.
 Evans, Ethel, Emporia.
 Fagan, Elizabeth, Reading.
 Fagan, Nellie, Reading.
 Fay, Agnes, Atchison.
 Ferguson, Lu Etta, Emporia.
 Finn, John, Paola.
 Fitzpatrick, Maude, Emporia.
 Flory, Ruth A., Howard.
 Fluker, Florence, Emporia.
 Fox, Eva, Emporia.
 Franz, Ida M., Rozel.

COLLEGE JUNIORS—*Continued.*

Freedlun, Nellie, Burdick.
 Fuller, Mary M., Eudora.
 George, Mary, Emporia.
 Gibson, Ruth C., Wichita.
 Good, Elsie M., Cimarron.
 Grant, Gertie, El Dorado.
 Greenawalt, Mary F., Princeton.
 Gunn, Grace, Great Bend.
 Hall, Clifford, Emporia.
 Hall, Thomas N., Emporia.
 Hamilton, George W., Topeka.
 Haney, Kathryn, Emporia.
 Harris, Hazel, Emporia.
 Hartenbower, Grover C., Rose Hill.
 Hembling, Mrs. Nina C., Emporia.
 Hendrickson, Irl, Emporia.
 Henline, Lottie, Emporia.
 Hensley, Elbert E., Rose Hill.
 Hochstetler, Sophia B., Fairview.
 Holland, J. T., Highland.
 Horner, I. V., El Dorado.
 Hummel, Floy, Lincoln, Neb.
 Hunt, Walter T., Parsons.
 Hutcherson, Jessie, Arnold.
 Inghram, Jessie, Newton.
 Jefferson, Katherine, Emporia.
 Jeremy, Ruth H., Emporia.
 Jimison, Brunetta, Stafford.
 Johnson, Esther M., Wamego.
 Jones, Agnes H., Sedgwick.
 Jones, Dora, Emporia.
 Jones, Elizabeth Ellen, Emporia.
 Jones, Helen T., Hill City.
 Jones, J. V., Mulvane.
 Jones, Minnie Mayetta, Topeka.
 Jones, Zell M., Yates Center.
 Kenney, Marian Frances, Topeka.
 Kersey, Martin, Udall.
 Kesler, Myrtle, Overbrook.
 King, Oda M., Emporia.
 Kirby, Samuel S., Humboldt.
 Kittell, Mrs. Martha, Topeka.
 Konantz, Herbert H., Emporia.
 Kratochvil, Emil, Clay Center.
 Kunz, O. W., Irving.
 Ladner, Herman J., Emporia.
 Largent, Martha, Quenemo.
 Larson, Emil L., Chanute.
 Lewis, Dennis, Kingfisher, Okla.
 Lewis, Jessie, Onaga.
 Lightbody, Ernest, Corning.
 Lockhart, Myrtle, Humboldt.
 Lockman, Cloudsley, Dodge City.
 Luehring, Herman, Hanover.
 Luman, Adah, Altamont.
 Lynn, Fred, Emporia.
 McCall, LeRoy, Lebanon.
 McCollum, Beatrice, Santa Fe.
 McGuire, Harry, Valley Falls.
 McIntosh, Benjamin, Lost Springs.
 McLindon, Anna E., Williamsburg.
 McNabb, Mary C., Emporia.
 Macklin, Erma, Burns.
 Marlatte, Bertha, Concordia.
 Marlowe, Myrtle, Hartford.
 Marvin, Sadie M., Emporia.
 Maule, Blanche, Emporia.
 Maxson, Mae, Emporia.
 Meairs, Clifford, Dodge City.
 Mealy, Ethel, Emporia.
 Mechem, Mamie, Mankato.
 Melbert, Setha, Gypsum.
 Mellinger, Mamie A., Neosho Rapids.
 Menahan, John, Beattie.
 Messick, Jessie Lea, Hill City.
 Mester, Hazel, Creston, Iowa.
 Miller, Maude, Uniontown.
 Monroe, Lena Pearl, Emporia.
 Monypenny, Agnes Mabel, Hartford.
 Monypenny, William, Hartford.
 Moore, Webster C., Thayer.
 Morgan, Elizabeth, Emporia.
 Morrison, Helen J., Stockton.
 Musch, M. Grace, Elmo.
 Musick, Nora Jane, Howard.
 Myers, Ethel G., Plainville.
 Myers, Oliver, Emporia.
 Nance, Elothee, Okmulgee, Okla.
 Nanninga, Kathryn, Emporia.
 Nemecheck, Lillian M., Abilene.
 Officer, Earl, Emporia.
 Osborne, Mrs. Elizabeth, St. John.
 Owens, Gertrude, Topeka.
 Paddock, Anabel, Iola.
 Parker, Grace, Bronson.
 Paterson, Mary V., Yates Center.
 Paxton, Mildred, Emporia.
 Payne, John Howard, Emporia.
 Perkins, Glenn O., Emporia.
 Pickett, Alma L., Emporia.
 Postma, R. A., St. Marys.
 Pughe, Margaret, Emporia.
 Rees, Olive, Emporia.
 Reiber, Willow, Emporia.
 Reser, Antoinette, Bigelow.
 Rhodes, Pearl, Topeka.
 Riggs, Myrtle, Wichita.
 Rishel, Warren C., Emporia.
 Ritvhie, Bertha, Hutchinson.
 Romer, Ralph, Emporia.
 Ross, Irving, Cedar Vale.
 Rothrock, Reba, Culver.
 Schaever, Anna E., Pawhuska, Okla.
 Schlegel, Julia, Fort Scott.
 Shore, Maude, White City.
 Shuey, Ada, Emporia.
 Shuey, Ethel, Emporia.
 Simpson, Margery, Attica.
 Sloan, Edna, Stilwell.
 Smiley, Pearl, Silver Lake.
 Smith, Helen Margaretta, Lincoln.
 Smith, M. Anna, Wichita.
 Smith, Lida, Emporia.
 Smith, Mabel, Emporia.
 South, F. Jay, Emporia.
 South, Mrs. Verda, Emporia.
 Stevens, E. R., Parsons.
 Stines, Edna, Yates Center.
 Stouder, Guy P., Allen.
 Strawman, Mabel M., Stockton.
 Sutcliff, Robert Marion, Quinter.
 Switzer, Ethel G., Emporia.
 Taylor, Elizabeth, Sedgwick.
 Taylor, Glenn, Emporia.
 Thompson, Kate, Topeka.
 Throckmorton, Alice, LeRoy.
 Todd, Bessie, Emporia.
 Treadway, Florence, Emporia.
 Trigg, Thomas, Blue Mound.
 Trusdale, Grace, Emporia.
 Turner, Hoyt, Newton.
 Van Peten, Harry, Washington.
 Vincent, Louise M., Kansas City, Kan.
 Warner, Bertha, Wichita.
 Warner, Emma, Great Bend.
 Warner, Iva, Wichita.
 Watson, Nellie, Alva, Okla.
 Weber, Charles, Waterville.
 West, Edward M., Nickerson.
 Whistler, Virginia, Topeka.
 White, Gladys, Oswego.
 Whiteside, Orabelle, Kansas City, Kan.
 Wilks, Alice, Emporia.
 Winston, J. C., Lawrence.
 Wishard, Ula, Emporia.
 Woodruff, Albert, Ames.
 Wright, Florence, Reading.

COLLEGE SOPHOMORES.

GIVEN LIFE CERTIFICATE JULY 29, 1915.

Armour, Mabel, Strong City.
 Ashenfelter, Leverage, El Dorado.
 Austen, Letta, Formoso.
 Bauer, Audrey, Wichita.
 Baustian, Henry F., Lucas.
 Bostick, Ella May, Iola.
 Bowman, Melvin, Benedict.
 Brandenburg, Georgia, Bushong.
 Brewer, Josephine, Riley.
 Breneman, Theda, Emporia.
 Brown, Harry Holmes, Emporia.
 Brown, Iva, Abilene.
 Buck, Andy, Thayer.
 Buffon, Edmond W., Powhattan.
 Caesar, Nicola J., Shawnee, Okla.
 Carpenter, James M., Preston.
 Cortner, Maude B., Otego.
 Cox, Elizabeth Beebe, Emporia.
 Crawford, Carlos C., Emporia.
 Curry, Mabel, Emporia.
 Detlor, Grace, Grantville.
 Devereaux, Nona, Troy.
 Eccles, Eveline, Hutchinson.
 Elder, Helen, Olivet.
 Elvin, Cora, Toronto.
 Ernest, Mamie, Shawnee, Okla.
 Evans, Annagrace, Lebo.
 Fagan, Elizabeth, Reading.
 Field, Hollie, Yates Center.
 Filley, Grace, Irving.
 Finch, Joseph, Esbon.
 Floyd, Vernita, Topeka.
 Focht, Ralph, Emporia.
 Funchess, Zoula, Topeka.
 Grove, Fern, Parker.
 Hall, Thomas Newton, Emporia.
 Harris, Cathlene, Eudora.
 Hartenbower, Grover, Rose Hill.
 Heffelfinger, Lillie, Yates Center.
 Henline, Lottie, Arkalon.
 Herriford, Marjorie, Wichita.
 Holland, J. T., Highland.
 Howe, Margaret, Burlington.
 Humble, Emma, Abilene.
 Johnson, Maude Gertrude, Kansas City Kan.
 Johnson, Ester M., Wamego.
 Johnson, Jennie, Russell.
 Jones, Edith, Emporia.
 Jones, Iva Pearl, Emporia.
 Jones, Sylvia, Emporia.
 Jones, Zella M., Yates Center.
 Kliphardt, Clara, Holton.
 Lehman, Adin Floyd, Humboldt.
 Lockridge, Lida, Sabetha.
 Lore, Marjorie, Emporia.
 Jefferson, Katherine, Emporia.
 Hannon, Cora, Rosedale.
 McCollum, Beatrice, Santa Fe.
 McCollum, Walter, Santa Fe.
 McDowell, Ruth, Emporia.
 MacElree, Mrs. Harriet, Emporia.
 Monroe, Lena Pearl, Emporia.
 Moody, Gail H., Topeka.
 Nanninga, Carrie, Emporia.
 Nanninga, Elizabeth, Emporia.
 Nicholson, Pearl, Holton.
 Mauck, Gladys, Emporia.
 Okeson, Bertha, Fairview.
 Piper, Helen E., Irving.
 Riggs, Myrtle, Wichita.
 Riley, Leroy, Wellsville.
 Ritchie, Bertha, Hutchinson.
 Roberts, Edith L., Emporia.
 Roberts, Mrs. Maude, Williamsburg.
 Rothrock, Reba, Culver.
 Shea, Marguerite, Wichita.
 Simpson, Margery, Attica.
 Speer, Sarah Eunice, Alma.
 Stevens, George C., Mankato.
 Stevenson, Naida, Ashland.
 Stillwell, Helen, Eureka.
 Sutcliffe, R. M., Quinter.
 Taylor, Bernice, Sedgwick.
 Taylor, Kate, Emporia.
 Taylor, Roy, Bucklin.
 Thompson, Katherine Z., Topeka.
 Todd, Bessie, Emporia.
 Townsend, Janie, Girard.
 Travis, Ella F., Iola.
 Trego, Linton L., Humboldt.
 Watson, W. M., Emporia.
 Whitby, Edna, Emporia.
 Wishard, Opal, Emporia.

GIVEN LIFE CERTIFICATE NOVEMBER, 1915.

Ladner, Herman J., Emporia. Stines, Edna Mae, Yates Center.

CANDIDATES FOR LIFE CERTIFICATE IN JUNE, 1916.

Abrams, Dorothy, Emporia.
 Adams, Susie, Grenola.
 Adell, Harry, Marquette.
 Allen, Mary Beatrice, Kingman.
 Anderson, Katherine, Alma.
 Armstead, Lucile, Emporia.
 Asher, Gladys, Great Bend.
 Austin, Josephine, Oskaloosa.
 Banta, Clarence, La Harpe.
 Barthel, E. Ruth, Emporia.
 Bartley, Maude B., Wichita.
 Bateman, Phyrne, Collinsville, Okla.
 Beltin, John, Emporia.
 Benfield, Elizabeth, Salina.
 Bergman, Frank, Emporia.
 Berner, Jouetta, Wamego.
 Birdsall, Adaline, Neosho Rapids.
 Bishop, Hazel, Emporia.
 Boyd, Grace, Coffeyville.
 Bradshaw, Ralph O., Altoona.
 Branscomb, Gladys Mae, Emporia.
 Brock, Ernest G., Leon.
 Burnette, Emma, Topeka.
 Burns, Mabel, Emporia.
 Bush, Ethel, Little River.
 Cannon, John L., Beattie.
 Carpenter, Clifford, Paola.
 Carroll, Marguerite, Alma.
 Cary, Rhea, Valley Falls.
 Chaney, Leontine, Burlington.
 Clarkson, Mildred, Anthony.
 Coffey, Clara, Frankfort.
 Cottrelle, Iva, Whiting.
 Cox, Solon G., Wichita.
 Cullison, Lenore, Emporia.
 Curtis, Frank H., Ransom.
 Daniels, Hazel, Douglass.
 Davis, Cecil Irene, Spearville.
 DeVoss, Lewis E., Emporia.
 Dilsaver, Fannie, Athol.
 Doty, Beatrice, Mound City.
 Dubbs, Agnes, Ransom.
 Ebey, June, Beloit.
 Edwards, Alta M., Emporia.
 Edwards, Anna H., Lebo.
 Eddy, Harriet, Havensville.
 Eggleston, Mary, Leavenworth.
 Eubank, Winnie D., Cullison.

COLLEGE SOPHOMORES—Continued.

Evans, Mary, Cimarron.
 Everett, Mabel, Stockbridge, Mich.
 Eyer, Jessie, Collinsville, Okla.
 Facklam, Clara, Enterprise.
 Feemster, Mabel, Fulton.
 Froom, Hulda, Vermillion.
 Funston, C. Edgar, Preston.
 Gaughan, Edward, Reading.
 Gepharte, Elden E., Emporia.
 Gift, Ada, Smith Center.
 Goodell, Theresa, Colony.
 Goudy, Madge, Athol.
 Griffiths, Mary E., Hartford.
 Grove, Leila, Edna.
 Gunn, Grace, Great Bend.
 Hall, Mayme Faye, Collinsville, Okla.
 Hamilton, George, Topeka.
 Hanselamm, Frances V., Burrton.
 Hays, Louella, Ottawa.
 Hefflefinger, Neva, Yates Center.
 Heinbaugh, Zelah, Parsons.
 Henderson, Gladys, Meriden.
 Hill, Gertrude, Oswego.
 Hodges, Lorene, Paola.
 Hostetler, Ivan P., Wetmore.
 Howard, Hazel, Emporia.
 Jansenn, Henrietta, Lorraine.
 Jay, Hazel L., Coffeyville.
 Johnson, Mamie E., Wamego.
 Jones, Helen T., Hill City.
 Jones, Iowa, Beattie.
 Jones, Minnie Mayetta, Topeka.
 Joyce, Ivy L., Ashland.
 Jordan, Amy, Emporia.
 Jordan, Jessie, Liberal.
 Kenney, Margaret, Pawnee Rock.
 King, Ruth, Lincoln.
 Koeble, Apollonia, Burns.
 Krueger, Carrie, Emporia.
 Lanpheer, Edna, Glenbeulah, Wis.
 Lewis, Jessie V., Onaga.
 Lindsey, John L., Emporia.
 Lomg, Ethel, Murdock.
 McAuley, Lucile, Americus.
 McCoy, Lucile Evelyn, Emporia.
 McGee, Elsie Elizabeth, Olathe.
 McGill, Belle, Colony.
 McGrath, Mary Bridget, Waverly.
 McGraw, Bess, Lebo.
 McIntosh, Joseph, Lost Springs.
 McKee, Beatrice, Havensville.
 Marletts, Bertha, Concordia.
 Martin, Harry C., Chanute.
 Martin, Laura Josephine, Eureka.
 Mayberry, Mignon, Emporia.
 Mechem, Mamie, Mankato.
 Mesmer, Florence, Vermillion.
 Meyers, Mary Elizabeth, Belle Plaine.
 Miller, Fred C., Lehigh.
 Monypenny, William, Hartford.
 Moore, Amy Irene, Gardner.
 Moore, Wilmie, Gardner.
 Morgan, David A., St. John.
 Morgan, Elizabeth, Emporia.
 Musch, Elsie, Elmo.
 Nincehelter, Agnes, Oskaloosa.
 Officer, Leona, Emporia.
 Paine, Lita B., Admire.
 Parry, Grace Ann, Barclay.
 Perkins, Glenn O., Meade.
 Pierson, Emma, Savonburg.
 Pierson, Kathryn, Emporia.
 Pottorff, Minnie, Severy.
 Pughe, Margaret, Emporia.
 Railsback, Kathrine, Langdon.
 Reed, Mabel, Waterville.
 Rees, Anne, Emporia.
 Rich, Birdie L., Emporia.
 Richhart, Ethel, Nickerson.
 Rioth, Marie, Shawnee, Okla.
 Robinson, Edith, Nebraska City, Neb.
 Root, Esther, Olathe.
 Schell, Mae, Galena.
 Shewmaker, Letha D., Emporia.
 Showers, Mary E., Neosho Rapids.
 Singular, Jennie Mader, Emporia.
 Slater, Virginia Faye, Severy.
 Smith, Cecil Ann, Howard.
 Smith, Gailord, Florence.
 Snyder, Carl P., Soldier.
 Soper, Susie, Hutchinson.
 Spears, Dorothy, Holton.
 Stallard, Clara, Caney.
 Stevens, Nora K., Emporia.
 Stewart, Lulu, Independence.
 Supple, Marie, Scranton.
 Taylor, Florence Ames, Seneca.
 Templar, Chester A., Emporia.
 Tisdale, Ariel, Russell.
 Traxler, Edwin C., Emporia.
 Van Nice, Ray, Humboldt.
 Wagener, Bertha, Narka.
 Weaver, Josephine, Topeka.
 Webb, Eva, Irving.
 Weide, Juanita, Yates Center.
 Weishaar, Genevieve, Nortonville.
 Welch, Francis G., Hartford.
 Wells, Claudia, Barnes.
 West, Nellie, Neodesha.
 Wheeler, Edna, Emporia.
 White, Leona, Belpre.
 Wiles, Jennie M., Canton.
 Williams, Joyce, Oklahoma City, Okla.
 Wilson, Virginia, Emporia.
 Woodman, Gladys, Vermillion.

CANDIDATES FOR LIFE CERTIFICATE IN AUGUST, 1916.

Alsop, Ethelyn, Wakefield.
 Arbuthnot, Mary, Belleville.
 Armour, Isa, Strong City.
 Armour, Zedna, Strong City.
 Babcock, Julia, Neosho Falls.
 Barackman, Ruth, Howard.
 Brown, Beth, Girard.
 Brown, Sara, Caldwell.
 Caldwell, Bess, Moran.
 Chandler, Mary E., Colony.
 Chaney, Helen, Burlington.
 Coe, Helen Ruth, Topeka.
 Cook, Kathryn, Ottawa.
 Cunningham, Mary, Topeka.
 Dalke, Mary, Hillsboro.
 Davis, Mary Estella, Nickerson.
 Doyle, Angela, Emporia.
 Elvin, Cora, Toronto.
 Fleming, Irene, Emporia.
 Froom, Clara, Vermillion.
 Gepharte, Jessie, Emporia.
 Gerber, Claus C., Meriden.
 Grady, Mary H., Lansing.
 Harr, Mabel, Emporia.
 Hawley, Iva, Clay Center.
 Haworth, Cecil, Galena.
 Humfeld, Daisy B., Clay Center.
 Kappelmann, Otto, Linn.
 Kennedy, Sadie, Kenneth.
 Kerns, Grace E., Seneca.
 Klein, Max, Glasco.
 Kretsinger, Violet, Emporia.
 Kroeker, Mary, Cheney.
 Little, Lovernia, Emporia.
 Lundberg, Mabel, McPherson.
 McAdam, Ruth, Moran.
 McClure, Mabel, Emporia.
 McConnell, Edith, Council Grove.

COLLEGE SOPHOMORES—*Continued.*

McEvoy, Jociphene, Harris.
 McGrew, Elinor, Humboldt.
 Menehan, Frank J., Beattie.
 Mesmer, Helen, Vermillion.
 Mesmer, Mildred, Vermillion.
 Officer, Ethel, Emporia.
 Parks, Erma, Hutchinson.
 Price, Ruth, Paola.
 Quinn, Josephine, Elwood.
 Ramage, Allison, Pomona.
 Rhodes, Rosa N., Meade.
 Richman, William Henry, Earleton.

Rinehart, Charles H., Arkansas City.
 Ross, Evelyn, Emporia.
 Ross, Wilbur H., Emporia.
 Schafer, Anna, Meriden.
 Secrest, Cora, Hudson.
 Stark, Leonard, Elk City.
 Stewart, Gladys, Humboldt.
 Taylor, Gwendolin, Fowler.
 Thomson, Blanche, Girard.
 Wallace, Lilian, White City.
 West, Gordon, Wichita.

COLLEGE SOPHOMORES NOT COMPLETING WORK FOR LIFE CERTIFICATE.

Adams, Dora, La Harpe.
 Anderson, Blanche, Garnett.
 Alvord, Lesta, Emporia.
 Ambrose, Vida E., Wessington Spgs., S. D.
 Anderson, Mary, Alma.
 Andrews, Vesta, Bloom.
 Armour, Zelda, Strong City.
 Austenfeld, Bertha, Emporia.
 Austin, Grace, Perry, Okla.
 Bailor, Geneva, Allen.
 Baldwin, L. F., Lyons.
 Barnes, Bernice, Atchison.
 Beatty, Beryl, Linn.
 Bereman, William E., Nickerson.
 Bibler, Ethel, Florence.
 Billbe, Bess, La Harpe.
 Black, Georgia, Galena.
 Blue, Mrs. Maude, Canton.
 Boerstler, Bessie, Chanute.
 Bolen, Charlotte, LeRoy.
 Boothe, Ruby, Lyons.
 Boughton, Nellie, Emporia.
 Bower, Eloise, Lincoln.
 Bradshaw, Clara, Altoona.
 Bridger, Eula, Parsons.
 Briggs, Jennie Esther, Sedan.
 Broughton, Mrs. Hattie, Florence.
 Brown, Ada, Lebanon.
 Brown, Clara, Osage City.
 Brown, Edwin J., Clifton.
 Brown, Elizabeth, Emporia.
 Burney, Carrie, Hutchinson.
 Burton, Lois, Emporia.
 Byerly, Elizabeth, Fredonia.
 Camp, Gazelle, Selma.
 Carle, Rose, Neosho Rapids.
 Carr, Margaret, Leavenworth.
 Carter, Walter A., Coffeyville.
 Cash, Edith, Blue Mound.
 Cawley, Hazel K., Cottonwood Falls.
 Charles, Cora Belle, Stafford.
 Christensen, Oscar, Lost Springs.
 Clark, Ruth A., Marion.
 Coleman, Edna, Emporia.
 Conaway, Pearl, Dodge City.
 Conrad, Elnora, Windom.
 Cook, W. L., Concordia.
 Cooper, Paul, Emporia.
 Corder, Aetna, Powhattan.
 Cordry, Ida, Parsons.
 Cohn, Amanda, Ardmore, Okla.
 Cowell, Pearl, Clay Center.
 Cowles, Effie, Emporia.
 Cox, Charlotte, Emporia.
 Crane, Dorothy, La Harpe.
 Cross, Mary Ethel, Emporia.
 Crumly, Dott, Colby.
 Culter, Harold, Emporia.
 Cunningham, Josephine, Wichita.
 Damerell, Cartie, Emporia.
 Daniel, Anna, Overbrook.
 Darlington, Dorothy, Kansas City, Mo.
 Davis, Olive L., La Cygne.
 Davis, Ruth, Salina.

Day, Ida M., Colony.
 Delaney, Ethel, Dighton.
 Dent, Carl, Council Grove.
 Devlin, Claire, Leavenworth.
 DeYoung, Ruth, Emporia.
 Dilley, Marjorie, Alta Vista.
 Dilley, Mary, Alta Vista.
 Dixon, Nellie, Leon.
 Dodge, Blanche, Topeka.
 Dubbs, Minnie, Ransom.
 Duer, Myrtle, Zenith.
 Dunfield, Homer R., Lebo.
 Eaton, Myrtle, Topeka.
 Edwards, Hugh, Emporia.
 Egbert, Charlotte, Ness City.
 Eleock, Harriett, Conway Springs.
 Elder, Helen J., Olivet.
 Ellis, Marguerite, Cherryvale.
 Engle, Lowell, Emporia.
 Fessenden, Elsie M., Wichita.
 Filinger, Charles, Cuba.
 Filley, Grace, Irving.
 Fitts, Iona, Reading.
 Fleming, Jennie Louise, Summerfield.
 Fletcher, William B., Cawker City.
 Frame, Dorothea, Rosedale.
 Frazer, Leila, Kansas City, Kan.
 Frazer, William R., Marion.
 Frith, Mary M., Emporia.
 Frye, Ada M., Emporia.
 Fullerton, Anna, Altus, Okla.
 Funk, Lowell, Kelly.
 Garrison, Arthur, Waverly.
 Gay, Katie B., Stafford.
 Geesling, Gertrude, Emporia.
 George, Elizabeth M., Lebo.
 Gepharte, Jennie, Yates Center.
 Gist, Tippia, Bushong.
 Glenn, Lela, Minneapolis.
 Glenn, Louise, Kiowa.
 Gooch, Frank L., Conway Springs.
 Gower, Marie, Russell.
 Green, Roy, Le Roy.
 Greenlee, Myrtle, Garnett.
 Gunter, Blanche, Hartford.
 Hall, Eva Pearl, Kiowa.
 Hall, Mrs. Mary, Emporia.
 Hall, Pearl, Kiowa.
 Hammond, Clara, Reading.
 Hanselamn, Dorothy, Burrton.
 Hardis, Meade, Pittsburg.
 Harold, Frances, Neosho Falls.
 Harr, Mabel, Emporia.
 Harris, William L., Marion.
 Hartwell, Eva, Jamestown.
 Harvey, Mary Lyndel, Council Grove.
 Hasper, Dorothy, Emporia.
 Hasper, Elizabeth, Emporia.
 Hatfield, Otho, Belle Plaine.
 Haun, Abbie Elizabeth, Meriden.
 Haury, Harry R., Mound Ridge.
 Hawes, Mary, Benton.
 Haworth, Frieda, Emporia.
 Haxton, Nora, Chase.

COLLEGE SOPHOMORES—Continued.

Hay, Louis, Eskridge.
 Haynes, Alvin, Emporia.
 Haynes, Marie, Emporia.
 Heaton, Dorothy, McPherson.
 Henderson, Miriam, Topeka.
 Herriford, Iona, Wichita.
 Hetherington, J. Arthur, Emporia.
 Higham, Edda, Ellsworth.
 Hill, Kathryn, Wellsville.
 Hill, Leonard J., Offerle.
 Hirschler, Arthur E., Emporia.
 Hobson, Mrs. Alma, Caldwell.
 Hoopes, Ethelwyne, Pomona.
 Hope, Nannie, Sylvia.
 Hopkins, Grace, Emporia.
 Houts, Blanche, Hiawatha.
 Houts, Grace, Hiawatha.
 Howell, Nora, Wichita.
 Hudgins, Maude, Emporia.
 Hudson, Nola, Fredonia.
 Hull, Robert, Spearville.
 Hunter, Myrtle, Emporia.
 Iden, Glee, Emporia.
 James, Harry, Hartford.
 Jarvus, Gladys, Holton.
 Jensen, John, Emporia.
 Johnson, Charles, Emporia.
 Johnson, Florence, Russell.
 Johnson, Weaver, Barnard.
 Jones, Doris Laura, Yates Center.
 Jordan, Grace, Mankato.
 Kelsey, Ermat M., Gardner.
 Kesler, Charles E., Overbrook.
 Kirk, Leta B., Elwood.
 Kirkpatrick, Sibly, Oswego.
 Kjellin, Alice M., Garrison.
 Knight, Thora B., Emporia.
 Krueger, Edith L., Emporia.
 Kunz, Homer M., Emporia.
 Lauver, Dee S., Nickerson.
 Lee, Elta, Norton.
 Lehman, Adin F., Humboldt.
 Leighty, Robert, La Harpe.
 Lemberger, Olive, Overbrook.
 Lempenau, Clara, Westmoreland.
 Leslie, Mabel, Anthony.
 Lewis, Arthur, Shields.
 Lewis, Ben, Emporia.
 Lindsey, John, Emporia.
 Logan, Mary G., Muskogee, Okla.
 Lohmuller, Frances, Centralia.
 Lowe, Jessie H., Kingman.
 Lower, Beulah, Gas.
 Luppy, Bessie, Caney.
 McCarty, Leona, Emporia.
 McClun, Blanche, Garnett.
 McCormick, Scott, Hartford.
 McCrory, Maurice, Emporia.
 McDaniel, Lillian, Admire.
 McDowell, Sadie, Emporia.
 McFarlan, Lee, Parsons.
 McKenzie, Vivi, Lawrence.
 McManigal, Ellanna, Horton.
 McMillan, Mary, Irving.
 Malhorn, Helen, Walnut.
 Mallary, Elsie, Emporia.
 Marshall, Norma, Coffeyville.
 Mayer, Grace, Lakin.
 Mendell, Ira S., Colony.
 Mickel, C. G., Soldier.
 Miller, Lucy, Muscotah.
 Mills, Rose, Eureka.
 Minton, Frances H., Neosho Falls.
 Moise, Roena, Ottawa.
 Moore, Katherine, Humboldt.
 Morrison, Frances, Coffeyville.
 Musch, Rose, Howard.
 Myers, Mary, Lawrence.
 Nelson, Verna, Neodesha.
 Nesbitt, Susie, Burlington.
 Newlon, Daisy, Colony.
 Newman, Florence, Virgil.
 Nuckolls, Opal, Chanute.
 O'Brien, Margaret, Tonganoxie.
 O'Connor, Hanna, Blaine.
 Ogg, Venice, Ottawa.
 Olson, Ruth Josephine, Spearville.
 Ott, Rebecca, Hamilton.
 Parke, Dorothy, Emporia.
 Paterson, Elizabeth, Chanute.
 Payne, Harold, Belpre.
 Payne, Lela, Topeka.
 Pearson, Frank Ed., Emporia.
 Pedigo, Jessie, Topeka.
 Pegram, Malinda, Virgil.
 Pennington, Thomas, Emporia.
 Perry, Mary, Rosedale.
 Peters, Shirley, Bushong.
 Philbrook, Eva Louise, Wa Keeney.
 Phillips, Margaret, Herington.
 Portwood, Bruce, Belle Plaine.
 Pratt, McKinley, Emporia.
 Ptacek, Leo D., Emporia.
 Purdy, Leslie, Fairview.
 Pule, Fern, Emporia.
 Randall, Harry E., Onaga.
 Raymond, J. C., Haven.
 Reynolds, Sadie, Scranton.
 Richards, John S., Emporia.
 Richey, Charles, Emporia.
 Riegel, Gerald, Stafford.
 Roberts, Roberta, Emporia.
 Robertson, Adah, Caldwell.
 Rost, Fred, Sedan.
 Rowland, Mabel, Whitewater.
 Ruft, John, Emporia.
 Rusking, Mrs. Mary, Hutchinson.
 Salisbury, John, Burlington.
 Schell, Oliver W., Lawrence.
 Seevers, Sarah, St. John.
 Sellards, Mae, Lawrence.
 Seyb, Emma, Pretty Prairie.
 Sharp, Jessie, Council Grove.
 Shaw, Mary E., Wichita.
 Shell, Gladys, Medicine Lodge.
 Shenwell, Clifford, Norton.
 Shields, Juanita, Derby.
 Short, Thelma, Salina.
 Shumate, Blanche, Eskridge.
 Shupe, Eldon E., Lost Springs.
 Simpkins, Alice, Moscow.
 Smith, Pearl, Horton.
 Smith, Sam J., Florence.
 Snyder, Dottie, Bradford.
 Socolsky, A. L., Tampa.
 Spencer, Mrs. Elsie, Emporia.
 Spurgeon, Leona M., Baldwin.
 Stafford, Mable Chloe, Baldwin.
 Stanfield, James E., Chanute.
 Stark, M. F., Elk City.
 Stillwell, Helen I., Eureka.
 Stinson, Dale, Emporia.
 Stone, Vera, Garden City.
 Stoner, Ruth, Lincoln.
 Stout, Elsie, Emporia.
 Summer, Olive, Caney.
 Swain, Ida M., Goodland.
 Sweeney, Nanelou, Arkansas City.
 Taylor, Gertrude, Atchison.
 Thompson, Value, Leon.
 Thomson, Jean B., Girard.
 Thirnton, Mary, Wichita.
 Todd, Sue A., Leavenworth.
 Todd, Susan E., Lawrence.
 Vawter, Ruth E., Altamont.
 Warner, Ida Mac, Burlingame.
 Warren, Esker, Kansas City, Kan.
 Waterman, Florence, Florence.
 Waterman, Glenne, Florence.
 Watkins, Ethel May, Mont Ida.

COLLEGE SOPHOMORES—*Continued.*

Weatherholt, Myrtle, Winfield.
 Weede, Kittie, Summerfield.
 Wells, Hazel, Mulvane.
 West, Louise E., Yates Center.
 West, Jessie A., Untiontown.
 West, Nelle, Neodesha.
 Whitby, Irene, Emporia.
 White, Carl, Emporia.
 Williams, Frank, Medicine Lodge.

Wilson, D. C., French Camps, Miss.
 Wilson, James A., Herington.
 Wilson, Margery, Emporia.
 Wolfe, Mrs. Carrie, Emporia.
 Wolfe, Nona, Rosedale.
 Woodward, Faye, Richland.
 Wren, Eva O., Kincaid.
 Zieber, Warren, Pawnee Rock.

COLLEGE FRESHMEN.

Abston, Gladys, Coffeyville.
 Adams, Agnes Louise, Landon.
 Adams, Dollie, La Harpe.
 Adams, Ima, Grenola.
 Agee, Frank, Gas City.
 Akers, Neal, Emporia.
 Akins, Flora May, Halstead.
 Alderson, Evangeline, Salina.
 Alexander, Pearl Ethel, Clay Center.
 Allen, Edith Louisa, Ellsworth.
 Allen, Laura G., Cimarron.
 Allis, Verna, Baldwin City.
 Allon, Clinton Richard, Melvern.
 Alsop, Mildred Agnes, Wakefield.
 Altenread, Howard, Haven.
 Altman, Elizabeth, Topeka.
 Anderson, Alice, Topeka.
 Anderson, Della, Alma.
 Anderson, Elvera, Scranton.
 Anderson, Esther Agnes, Delavan.
 Anderson, Floy, Belleville.
 Anderson, Helen C., Salina.
 Anderson, Lulu, Emporia.
 Anderson, Olive, Salina.
 Andree, Elsie, Scranton.
 Andrews, Garland, Neosho Rapids.
 Andrews, Vella Vernell, Neosho Rapids.
 Archer, Helen, Centralia.
 Arnall, Paul, Elk Falls.
 Arnold, Eula Viola, Neodesha.
 Arnold, Lena, Reading.
 Arnold, Margaret, Westmoreland.
 Ash, Christine, Garnett.
 Asher, Goldie, Great Bend.
 Augustine, Mattie, Yates Center.
 Augustine, Ruth, Yates Center.
 Ausherman, Emma, Talmage.
 Austenfeld, Marie, Emporia.
 Austin, Rhoda Anna, Madison.
 Avery, Urbana, Guthrie, Okla.
 Backstrom, Henry, Enid, Okla.
 Bacon, Alyce, Emporia.
 Bacon, Ruby, Garnett.
 Bailey, Bee, Greensburg.
 Bailor, Logan, Allen.
 Baird, Marie F., Cassoday.
 Baker, Eunice Ann, Rogers, Ark.
 Baptist, Leona, Emporia.
 Barben, Clara Marie, Fairview.
 Barber, Austin, Pleasanton.
 Barges, Bertha, Inman.
 Barnes, Mrs. Rebecca, Emporia.
 Barrett, Ruth, Winfield.
 Barry, Helen Ann, Horton.
 Bartz, Mildred, Hardtner.
 Baughman, Edna, Solomon.
 Bear, Stella Esther, Abilene.
 Beard, Lois, LeRoy.
 Beard, Ressa, Horton.
 Behmer, Earle E., Hamilton.
 Bender, Ina, Emporia.
 Benge, Minnie, Tahlequah, Okla.
 Bengston, Frances, Wichita.
 Benjamin, Mabel, Salina.
 Bennett, Mrs. Helen, Eskridge.
 Bennett, Earl Glass, Eskridge.

Benson, Minnie, Leavenworth.
 Bentley, Beatrice, Hamilton.
 Berg, Margaret, Emporia.
 Berger, Jessie, Douglass.
 Berry, Susie Sarah, Lincoln.
 Bettes, Ruth M., Independence.
 Betz, George, Asherville.
 Bideau, Kathryn, Rose.
 Bieberdorf, Lydia, Emporia.
 Billings, Sadie L., Kingman.
 Bingham, Lois Genevieve, Belle Plaine.
 Birckett, Harriett M., Americus.
 Bird, Imah Virginia, Anthony.
 Bittel, Pauline Irene, Clifton.
 Black, Mrs. Lena, Emporia.
 Blackburn, Bessie, Bazaar.
 Blackman, Ceril, Pleasanton.
 Blackmore, Anna B., Havana.
 Blair, Alma L., Netawaka.
 Blake, Grace, New Ulysses.
 Blake, Clara, New Ulysses.
 Blank, Helen, Emporia.
 Bleakley, Charlotte, Emporia.
 Bleakley, Georgiana E., Lawrence.
 Blevins, Cenith M., Oskaloosa.
 Bloomenshine, Velda, Derby.
 Bollman, Clara, Beloit.
 Bolton, Josephine, Burlingame.
 Boman, Jean Paul, Moran.
 Bond, Blanche, Lincoln.
 Bonewitz, Maude, Meriden.
 Bonham, Velma, Stafford.
 Bonwell, Muriel, Emporia.
 Bonwell, Stella, Emporia.
 Booker, Hazel, Emporia.
 Bookter, Mary, Eustena.
 Boothe, Ruth Irene, Lyons.
 Boston, Rena E., Kanopolis.
 Boughton, Helen Velma, Emporia.
 Bourm, Ettie, Emmett.
 Bowersock, Anna, Emporia.
 Bowles, Luanna J., Galena.
 Boyles, Maude, Fredonia.
 Bozarth, Grayce, Eskridge.
 Bradbury, Pearl, Bartlett.
 Bradley, Bertha, Belle Plaine.
 Bradley, Edith, Norcatour.
 Bradshaw, Orin E., Altoona.
 Brandner, Fred, Emporia.
 Braun, Veronika, Perth.
 Breneman, Howard, Hoyt.
 Brinker, Rosa Belle, Goodland.
 Britt, Della, Parsons.
 Britton, Harry, Emporia.
 Britton, Logan, Emporia.
 Brock, Reta Pearl, Linwood.
 Brogan, Catherine, Emporia.
 Brooks, Eva, Burden.
 Brooks, Ruth, Wilson.
 Brown, Bertha, Emporia.
 Brown, Della, Emporia.
 Brown, George, Clifton.
 Brown, Helen, Troy.
 Brown, Lenna, Bronson.
 Brown, Sara, Caldwell.
 Bruce, Fay, Marquette.

COLLEGE FRESHMEN—Continued.

Bruce, La Vina, Garden City.
 Bruner, Roberta, Seneca.
 Bryan, Earl C., Moran.
 Buffon, Edmund, Powhattan.
 Bulmer, Anna, Michigan Valley.
 Bunch, Grace, Strong City.
 Bundy, Henly, Savonburg.
 Bunger, Agnes, Eskridge.
 Burchfiel, Gavetia, Anthony.
 Burger, Lola, Seneca.
 Burk, Celia, Emporia.
 Burk, Christina, Ottawa.
 Burkey, Artie, Hazelton.
 Burnett, Ethyl Mae, Kansas City, Kan.
 Burnett, Mildred, Glasco.
 Burns, Leslie, Emporia.
 Burns, Lillian, Lawrence.
 Bursch, James, Buffalo.
 Busenbark, Comella, Eskridge.
 Bybee, Bessie, Garnett.
 Byler, Twila, Newton.
 Cady, Stella, Pleasanton.
 Caldwell, Bess, Moran.
 Callahan, Esther, Chapman.
 Campbell, Julia, Marion.
 Campbell, Olive, Hoisington.
 Carico, Alice, Quincy.
 Carle, Beryl, Neosho Rapids.
 Carlile, Amos, Mound City.
 Carlile, Edith, Emporia.
 Carlin, Mary, Salina.
 Carlisle, Lela M., Wetmore.
 Carpenter, Faith, Jewell.
 Carpenter, Lucile, Burlington.
 Carroll, Gladys, Ransom.
 Carter, Clara, Kansas City, Mo.
 Carter, Myrtle, Howard.
 Cary, Venus, Florence.
 Cash, Lucille, Augusta.
 Cassingham, Ruth, Lyons.
 Cates, Gladys, Iola.
 Cavanaugh, Agnes Marie, Dighton.
 Chapman, Bernice, Aulne.
 Cheney, Ruth, La Crosse.
 Chester, Mahrea E., Mound City.
 Chinn, Hattie Anna, Wakarusa.
 Christensen, Ellis G., Lost Springs.
 Clay, Anna Rose, Douglass.
 Clayton, Carrie, Buffville.
 Cleland, Esther, Emporia.
 Clements, Ora, Emporia.
 Clemings, Blanche, Bronson.
 Clover, Hester Ann, Chanute.
 Clymer, Maria, Kansas City, Kan.
 Colwell, Harry L., Elwood.
 Comer, Mida, Chanute.
 Congdon, Gladys, Burlington.
 Conger, LaVerne, Beattie.
 Connelly, Mabel Ethel, Wellington.
 Connolly, Minnie Ray, El Reno, Okla.
 Connor, Ruth, Leavenworth.
 Conrad, Effie, Windom.
 Cook, Clyda Roberta, Chetopa.
 Cook, Georgia Frances, Chetopa.
 Cook, Pauline, Hutchinson.
 Coons, Erma L., Emporia.
 Coons, Marie D., Canton.
 Cooper, Bessie L., Topeka.
 Crook, Celestine, Humboldt.
 Crook, Lucile, Humboldt.
 Cross, Clarence L., Emporia.
 Cross, Claude, Garrison.
 Cross, Guy, Winfield.
 Cross, Mabel Virginia, Emporia.
 Crosswhite, Clyde D., Parker.
 Crosswhite, Harry Elbert, Parker.
 Crumbaker, Edith M., Onaga.
 Culler, Annie, Colony.
 Cullum, Emily, Beverly.
 Cunningham, Neva A., Burden.
 Currens, Olive, Eskridge.
 Dace, Ruth, McPherson.
 Dahm, Anna, Great Bend.
 Dalke, Mary, Hillsboro.
 Dallas, Margaret, Talmo.
 Davis, Mrs. Alida W., Douglass.
 Davis, Bernice, Emporia.
 Davis, Alice Irene, Salina.
 Davis, Josie, Morganville.
 Davis, Maude T., Lyons.
 Davis, May, Wichita.
 Davis, Ruby B., Nortonville.
 Davison, LeRoy, Tribune.
 Davison, Orpha, Tribune.
 Dawson, Ross Elmo, Great Bend.
 Day, Ethel, Coffeyville.
 Dean, Tina Marie, Elmdale.
 DeBard, Helen, Arkansas City.
 Dean, Mary L., Admire.
 Decker, Edna Virginia, Moundridge.
 DeForest, Forman, Wetmore.
 DeForest, Lewis Harold, Wetmore.
 Delander, Clara Evaline, Kinsley.
 Delaney, Alice, Dighton.
 Delaney, Merle, Dighton.
 Denison, Beulah, St. Francis.
 Denny, Etta A., Burlingame.
 Dennis, Frederica, Emporia.
 Derr, Elsie Vagolda, Garnett.
 DeShurley, Gertrude, Augusta.
 DeVier, Sidney, Eureka.
 DeVore, Earl, Cuba.
 DeYoung, Ethel, Emporia.
 Dickerman, Emma, Elk City.
 Dillon, Laura, Vesper.
 Dills, Isabelle, Peabody.
 Dingelstedt, Minnie, Lawrence.
 Dittmore, Homer P., Troy.
 Diver, Ethel R., Neosho Falls.
 Dix, Mary M., Newton.
 Dixon, Judith, Leon.
 Doebler, Amelia, Kerwin.
 Doering, Elsie L., Utopia.
 Doherty, Inez, Cambridge.
 Dole, Elsie Ellen, Burrton.
 Dooley, Lucile, Topeka.
 Dooty, Aletha, Melvern.
 Dore, Catherine, Waverly.
 Dorsey, Florence, Parsons.
 Doverspike, Mary, Alta Vista.
 Doyle, Ruth, Emporia.
 Drew, Lena, Arkansas City.
 Drury, Floyd, Sharon.
 Dryden, Pearl, Stockton.
 Dubbs, Alice, Ransom.
 Dumond, E. J., Garden City.
 Dunn, Clara Lois, St. John.
 Durham, Fay, Anthony.
 Durst, Cecil, Moundridge.
 Duskin, Edna, Belleville.
 Dutton, Thelma, Emporia.
 Duty, Albert G., LeRoy.
 Earle, Clara, Chapman.
 Eaton, Beulah, Burlingame.
 Eckert, Lawrence, South Haven.
 Edwards, Irma, Hartford.
 Edwards, Viola, Hamilton.
 Elbert, Cliffe, McPherson.
 Elbert, Maude, McPherson.
 Eldridge, Marion, Ottawa.
 Ellenberger, Doris, Emporia.
 Ellington, Irene, Atehison.
 Elliott, Mary Edna, Pretty Prairie.
 Ellis, Sibyl, Emporia.
 Elswick, Roxie, Caldwell.
 Elwell, Harry H., Leon.

COLLEGE FRESHMEN—Continued.

- Elwell, Mrs. H. H., Leon.
 Emmons, Phrenola, Hill City.
 Engle, Amos, Abilene.
 Erwin, Carrie, Belle Plaine.
 Erwin, Delia, Belle Plaine.
 Etherington, Irene, Abilene.
 Evans, Florence Edith, Emporia.
 Evans, Florence Edmond, Leavenworth.
 Evans, Margaret, Cimarron.
 Evans, Ola Lillian, Wellington.
 Evers, Rolo S., Hope.
 Ewald, Harold H., Abilene.
 Fairbrother, Lewis, Toronto.
 Falkenburgh, Geneva R., Coffeyville.
 Felt, Nellie I., Logan.
 Fileda, Ardennis, Kansas City, Kan.
 Finch, Edith, Prairie View.
 Finley, Adin Woodworth, Emporia.
 Finnerty, James, Hartford.
 Fishburn, Stella M., Ellsworth.
 Fite, Grace, Anthony.
 Floyd, Bessye, Topeka.
 Floyd, Mary I., Parsons.
 Flinn, Joseph, Palmer.
 Foltz, Anna M., Plainville.
 Fouts, Lulua Elsie, Harveyville.
 Fox, Irma, G., Jewell City.
 Fox, James, Emporia.
 Frame, Will F., Bayard.
 Francis, Agnes Mabel, Emporia.
 Frazier, Caroline, Girard.
 French, Nellie Inez, Emporia.
 Fritz, Effa E., Circleville.
 Froom, Esther, Vermilion.
 Frost, Dollie E., Republic.
 Frost, Edith O., La Harpe.
 Fruit, Mattie L., Great Bend.
 Frye, Roa C., Topeka.
 Fulk, Inz, Lebo.
 Fuller, Clara M., Osawatomie.
 Fuller, Edna Mae, Emporia.
 Fulmer, Alice, Cherryvale.
 Fulton, Elsie, El Dorado.
 Galbraith, Claude, Lost Springs.
 Gallanaugh, Margaret, Gardner.
 Gantenbein, Viola, Dillon.
 Garner, Muriel C., Haviland.
 Gebhardt, Lola, Ellsworth.
 Gee, Willis, Emporia.
 Geelan, Carrie, Lecompton.
 Geesling, Edith, Turon.
 Geesling, Lou Ethel, Turon.
 Gepharte, Anna L., Yates Center.
 Gepharte, Jennie, Yates Center.
 Gepharte, Jessie, Emporia.
 Gerber, Grace Marie, Meriden.
 Gibbon, Ruth, Burlington.
 Gibson, Charles D., La Fontaine.
 Gibson, Everett A., Gaylord.
 Gibson, Gladys, Medicine Lodge.
 Giffin, Fred, Centerville.
 Gigot, Mary, Kinsley.
 Gilchrist, Caroline, Chanute.
 Gildart, Rita, Thayer.
 Gilfillan, Ora, Emporia.
 Gillespie, Floy, St. Francis.
 Girard, Laura E., Morganville.
 Glasse, Mrs. Blanche, Topeka.
 Glaze, John Arthur, Emporia.
 Glenn, Carrie, Hill City.
 Glenn, Ruby Pearl, Sedgwick.
 Godsey, Edith, Emporia.
 Gooch, Mrs. Edna, Ness City.
 Good, Anna G., Emporia.
 Gordon, Clarence, Admire.
 Gordon, Florence, Admire.
 Gordon, A. Joe, Garden City.
 Gorman, Bessie A., Neosho Rapids.
 Gormly, Martin, Norwick.
 Gowan, Leo Myrtle, Arkansas City.
 Graham, Ethel, Paola.
 Graham, Inez, Neodesha.
 Grant, Eva, Kansas City, Kan.
 Gravatt, Roy, Emporia.
 Greene, Alice Leona, Kansas City, Kan.
 Greene, Evilo I., Tonganoxie.
 Greener, Edna, Lansing.
 Gregory, Norma, Lyons.
 Griblin, Mildred V., Virgil.
 Griffith, Mabel, Centralia.
 Griffiths, Grace, Hartford.
 Griggs, Hester Anne, Olivet.
 Grimslev, Bernice, Burlington.
 Gum, Wallace, Windom.
 Gunselman, Myrtle, Wakefield.
 Gunselman, Orla, Wakefield.
 Guthrie, Julia, Atchison.
 Habecker, Hazel, Enterprise.
 Hackett, Ina C., Mildred.
 Hadley, Lenna F., Wichita.
 Hagenmaster, Ruth, Stafford.
 Hahn, Edna, Minneapolis.
 Hall, Grace M., Minneola.
 Hambleton, Sarah, Wichita.
 Hammel, Myrtle, Palmer.
 Hammill, Nelson, Grenola.
 Hampson, Lucile, Fredonia.
 Handley, Faye, Oswego.
 Hankins, Grace, Grenola.
 Hankins, Mamie, Chetopa.
 Hanzleek, Albina, Wilson.
 Harbough, Lucile, Kansas City, Mo.
 Harbert, Alice, Altoona.
 Harder, Elvina, Dunlap.
 Hargett, Ruth, Stafford.
 Harlow, Edna P., Kingman.
 Harlan, Grace, Williamsburg.
 Harms, Laura, Whitewater.
 Harper, Mary, Frankfort.
 Harris, Mary, Hudson.
 Harris, Pattie Ann, Lawrence.
 Harris, Roberta, Hoston.
 Harris, Ruth Belle, Eudora.
 Harsh, Mareta, Cassoday.
 Harvey, Cora E., Goddard.
 Hatfield, Gertrude, Belle Plaine.
 Hawkins, Kathryn, Emporia.
 Haworth, Cecil E., Galena.
 Haworth, Emma, Leavenworth.
 Hayes, Genevieve, Oswego.
 Haynes, Eulala, Kansas City, Kan.
 Hays, Emma M., Stilwell.
 Hays, Esther, Junction City.
 Haywood, Nettie, Fowler.
 Head, Virda, Thayer.
 Heath, Gladys, Wakefield.
 Heck, Mary, Emporia.
 Heil, Ruth, Topeka.
 Helmreich, Pauline, Rosedale.
 Henderson, Barbara, Wichita.
 Henderson, LeRoy M., Emporia.
 Hensley, Edwin, Emporia.
 Hering, Millie O., Stafford.
 Herndon, Victor E., Gentry, Ark.
 Hess, Kathleen, Hutchinson.
 Hester, Ethel J., Burr Oak.
 Hibner, Elsie, Lawrence.
 Hibner, Minnie Ruth, Lawrence.
 Hicks, Daphne, Stafford.
 Hicks, Effie, Kansas City, Kan.
 Higgins, Bessie, Topeka.
 Hill, Adele, Chapman.
 Hill, Etta A., Wichita.
 Hill, Madge, Lecompton.
 Hill, Ruby, Kansas City, Kan.
 Hill, Zelia M., Beloit.

COLLEGE FRESHMEN—Continued.

Hillerman, Cina Ethel, Emporia.
 Hilyard, Edith, Severy.
 Hilyard, Treva, Severy.
 Hills, Helen L., Anthony.
 Hitchens, Edna, Burlington.
 Hitchens, Perry T., Burlington.
 Hoag, Alma Ruby, Lebanon.
 Hoag, Elma Mae, Lebanon.
 Hoback, Athel, Girard.
 Hockens, Evalene, Arrington.
 Hodges, Esther, Paola.
 Hogue, Charles F., Leon.
 Holcomb, Ruth, Kingman.
 Holden, Ruth, Horton.
 Holland, Clara S., Lawrence.
 Holloway, Katherine, Lawrence.
 Holloway, Sra Lee, Hutchinson.
 Hooker, Marguerite, Burden.
 Hooker, Violet, Council Grove.
 Hope, Mary, Garden City.
 Horne, Gladys, Williamsburg.
 Hosley, Charles R., Bayard.
 Houghton, Rue M., Neosho Rapids.
 Howard, Eunice, Mulvane.
 Howe, Charlotte Elizabeth, Emporia.
 Howell, Meda Flora, North Topeka.
 Howell, Ruie, Virgil.
 Howell, Virginia, Lamasco, Tex.
 Hoyt, Esther, Reading.
 Hoyt, Stella, Reading.
 Hubbard, Fern, Hutchinson.
 Hubbard, Pearl Z., Fredonia.
 Huff, Pearl, Savonburg.
 Hughes, Louise, Jewell City.
 Hughes, John, Dunlap.
 Humbarger, Esther, Salina.
 Humbarger, Susie, Salina.
 Hund, Lillian E., Wetmore.
 Hund, Minnie, Wetmore.
 Hunt, Stella, Blackwell, Okla.
 Hunter, Ethel, Wichita.
 Huntington, Ora, Belleville.
 Iden, Fern E., Gaylord.
 Igel, Josephine, Ottawa.
 Ingersoll, Elizabeth, Kirwin.
 Irwin, Clara, Conway Springs.
 Irwin, Frank L., Valley Falls.
 Irwin, Sue Ausherman, Talmage.
 Jackson, Leta M., Emporia.
 Jackson, Mary Lee, Parsons.
 Jackson, Myrtle, Kansas City, Kan.
 James, Ruby Ruth, Emporia.
 Jaquith, John W., Americus.
 Jarrett, Russell, Clifton.
 Jarus, Edward, Wilson.
 Jecks, Mary LaRue, Overbrook.
 Jennings, Katharine N., Anthony.
 Jewett, J. June, Rosedale.
 Jillson, Helen B., Frankfort.
 Job, Mabel, Wellsville.
 Johnson, Carrie, Russell.
 Johnson, E. G., Pratt.
 Johnson, Irma, Wamego.
 Johnson, Myra, Neodesha.
 Johnson, Myrtle, Leavenworth.
 Johnson, Mrs. Retta, Hanston.
 Jones, Anna M., Wichita.
 Jones, Edna G., Rosedale.
 Jones, Elizabeth Z., Beattie.
 Jones, Esther M., Emporia.
 Jones, Esther S., Emporia.
 Jones, Frances H., Shawnee.
 Jones, Hazel Delight, Emporia.
 Jones, Hope Dean, Hill City.
 Jones, Pearl M., Saffordville.
 Jones, Phillip A., Chanute.
 Jones, Simon W., Hanover.
 Jordan, Adeline B., Kansas City, Kan.
 Kane, Mable E., Parsons.
 Karr, Mary, Manchester.
 Kahler, Mary, Wamego.
 Kearney, Ethel, Oswego.
 Keeton, Earl W., Mildred.
 Keggins, George F., Wetmore.
 Keith, Hazel, Jewell.
 Keller, Edith L., Athol.
 Kellum, Eva Belle, St. Francis.
 Kellum, Vernice, St. Francis.
 Kelly, Margaret, Caney.
 Kemp, Gladys, Emporia.
 Kendall, Maye, Emporia.
 Kendle, Doris, Council Grove.
 Kenton, Margaret, Bonner Springs.
 Kenworthy, George, Emporia.
 Kester, Adaline, Syracuse.
 Keys, Myrtle H., Hutchinson.
 Kimble, Herman, Liberal.
 Kimzey, C. W., La Cygne.
 King, Edna, Emporia.
 King, Karl C., Bucklin.
 Kistler, Ruby G., Horton.
 Kittell, Mildred, Newton.
 Klamet, Ann M., Tonganoxie.
 Kline, Hilda, Tonganoxie.
 Kneeland, Nina E., Kanopolis.
 Knoll, Veda, Severy.
 Knoll, Velda, Severy.
 Knoll, Vera, Severy.
 Knoll, Vesta, Severy.
 Knott, Rachael J., Wichita.
 Knowles, Flo, Quincy.
 Koenig, Earl J., Wamego.
 Kohler, Helen, La Harpe.
 Kolstrup, Glenn R., Fall River.
 Kouns, Emma, Salina.
 Kramer, Carrie Belle, Wamego.
 Krug, Katherine E., Marysville.
 Kuller, Avis M., Emporia.
 Kunz, Mrs. O. W., Irving.
 Kutz, Charles H., Cheney.
 LaCaille, Doerle K., Leavenworth.
 Lacey, Irma M., Iola.
 LaForge, Carrie, Burden.
 Laird, Laura Rebecca, Abilene.
 Laird, Hazel, Emporia.
 Laird, Homer, Emporia.
 Lake, Ethel, Eskridge.
 Langley, Eva, Olpe.
 Langvardt, Clara, Dwight.
 Lanpheer, Kathryn, Glenbeulah, Wis.
 Lapsley, Ralph, Burlington.
 Larabee, Gail, Haddam.
 Lashbrook, Ruby, Bonner Springs.
 Lasnier, Emmeline, Concordia.
 Latham, Carrie, Penaloza.
 Laughlin, Margaret, Atchison.
 Laury, Charles M., Iola.
 Lauver, Mrs. Alma, Nickerson.
 Lawless, G. Syvilla, St. Francis.
 Lawless, Tessie, St. Francis.
 Lawson, Mary F., El Reno, Okla.
 Layton, Ira J., LeRoy.
 Layton, Mary, Augusta.
 Leap, Olga, Kinsley.
 Leazenby, Jewell C., Emporia.
 Leggitt, Ray C., Belleville.
 Lehmer, Ethel, Americus.
 Leibengood, Rebeckah, Paola.
 Leigh, Rachel, El Reno, Okla.
 Leighty, Ethel, Emporia.
 Lemon, Leona, Salina.
 Leonard, Winifred, Hutchinson.
 Levering, Roland, Hamilton.
 Lewis, Bertha, Emporia.
 Lewis, Claude, Hutchinson.
 Lewis, Mary H., Wichita.

COLLEGE FRESHMEN—Continued.

Lewis, William E., Hoisington.
 Lieurance, Wanda, Mildred.
 Lightner, Bartha, Plevna.
 Linsey, Marwuis L., Coats.
 Linhart, Catherine, Irving.
 Linscheid, Emma, Arlington.
 Linscheid, Lizzie, Arlington.
 Lippe, Gertrude, Miltonvale.
 Little, Florence E., Eureka.
 Little, Florence H., Hutchinson.
 Little, Lena, Holton.
 Litts, Helen, Gas.
 Lloyd, Edith D., Emporia.
 Lloyd, Laura E., Horton.
 Lloyd, May, Horton.
 Loewen, Martha, Hillsboro.
 Logan, J. Austin, Eskridge.
 Long, Fay, Madison.
 Longfellow, Carl, Elk Falls.
 Lott, Mina, Wellsville.
 Loveless, Madeline, Emporia.
 Lowderman, Lora M., Garden City.
 Lowe, Helen, Kingman.
 Lund, John, Alma.
 Lundine, Rose C., Chanute.
 Lyman, Jessie, Lewis.
 Lyness, Bessie, Walnut.
 Lynn, Francis Pauline, Valley Falls.
 Lynn, Mabel, Valley Falls.
 Lyon, Lora, Colby.
 Lyon, Vona E., Lincoln.
 McAdam, Dunlap, Moran.
 McBride, Ida, Colby.
 McCandless, Lizzie, Cottonwood Falls.
 McCarty, Nona, Topeka.
 McClelland, Mae, Lawrence.
 McClellan, Hazel, Glasco.
 McCoy, Verna, Harper.
 McConnaughey, Edna, Quincy.
 McConnaughey, Faye, Quincy.
 McConnell, Donald, Council Grove.
 McCracken, Jesse E., Hiawatha.
 McDivitt, Beulah, Alta Vista.
 McDonald, Anna, Hartford.
 McDonald, Bertha, Hartford.
 McDonald, Essie, Osawatomie.
 McElhinny, A. Laura, Santa Fe.
 McElreath, Elizabeth, Fredonia.
 McEvoy, Helen, Emporia.
 McFadden, Maude, Natoma.
 McGee, Edna G., Oklahoma City, Okla.
 McGrew, Edith, Adena, Ohio.
 McGrew, Marguerite, Humboldt.
 McKay, Alida, Thayer.
 McKay, Fern, Thayer.
 McKean, Grace, Morland.
 McKnight, Dwight, Lincoln.
 McKnight, Florence, Eskridge.
 McKnight, Mary, Axtell.
 McKnight, Ruby, Topeka.
 McMillan, Mary L., Williamsburg.
 McMullen, William, Cedar.
 McMurphy, John, Madison.
 McNeil, Floyd, Emporia.
 McNerney, Eldora, Lucas.
 McNicol, Grace, Lost Springs.
 McPherson, Glenn, Severy.
 McPherson, Christine, Topeka.
 Mack, Minnie, Axtell.
 Mackey, Jessie D., Johnson.
 Macy, Rolland, Green.
 Magee, Josephine, Conway Springs.
 Magee, Nellie, Conway Springs.
 Maher, Ruby, Osawatomie.
 Mather, David E., Emporia.
 Matson, Tilla, McPherson.
 Maulsby, Ralph, Lebanon.
 Maxfield, Martha, Syracuse.
 Maybell, Lena, Hymer.
 Mayne, Mary Alice, Tribune.
 Meeker, Maude, Cheney.
 Meier, Guila L., Herington.
 Meisinger, Lavern, Webber.
 Menohar, Philetha E., Salina.
 Merrell, May Ava, Admire.
 Messick, Charles A., Topeka.
 Meyer, Elmer, Linn.
 Meyer, Irene, Anthony.
 Mickey, J. L., Solomon.
 Mihm, Charles B., Nortonville.
 Mihm, Flora, Nortonville.
 Miller, Clara Mae, Great Bend.
 Miller, Effie Revay, Hanover.
 Miller, Esther Jane, Kansas City, Kan.
 Miller, Grace E., Burden.
 Miller, Maude, Lakin.
 Miller, Romona, Council Grove.
 Miller, Robena, Salina.
 Miller, Ruth Elma, Belle Plaine.
 Mills, Marie, Bucklin.
 Mitchell, Hugh, St. Francis.
 Moddrell, Ethel, Stafford.
 Moffett, Louise, Peabody.
 Monk, Ivy A., Niles.
 Monroe, Hannah, Emporia.
 Montgomery, Katherine, Emporia.
 Moore, Amy Golda, Grenola.
 Moore, Madge, Altoona.
 Moore, Maude, Neosho Falls.
 Morgan, Edith A., Girard.
 Morgan, Marie, Peabody.
 Morris, Cecil, Ellinwood.
 Morris, M. Nina, Minden.
 Morrow, Aletha, Spearville.
 Morrowm, Julia, Burden.
 Moss, Edna, Eureka.
 Mullen, Ruth, Eureka.
 Mustoe, Roscoe W., Murdock.
 Myer, Mrs. Ruth G., Emporia.
 Myers, Mada Bertha, Lebanon.
 Nansen, Iva V., Lost Springs.
 Nash, Paul S., Baileyville.
 Nelson, Effie M., Vesper.
 Nelson, Nellie, Corbin.
 Newman, Asel, Pleasanton.
 Newton, Frances, Clay Center.
 Newton, Hallie, Yates Center.
 Nichols, Ivan Pearl, Waterville.
 Niederlander, Elsie, Marquette.
 Niederlander, Marion, Marquette.
 Noe, Flora, Wetmore.
 Nold, Bertha M., Anthony.
 Nolte, Mrs Adar, Healy.
 Norman, Harvey C., Kinsley.
 North, Hazel, Cawker City.
 Norton, Mary, Cherryvale.
 Norton, Mildred, Dodge City.
 Oaks, Herman G., Marquette.
 Oatis, Bertha L., Gaylord.
 O'Brien, Ella R., Tonganoxie.
 O'Brien, Faye, Meriden.
 O'Connell, William V., Belle Plaine.
 Oliphant, Bertha M., Chanute.
 Oliphant, Lucile, Arkansas City.
 Oliphant, May Cora, Kinsley.
 Oliver, Lillian K., Maple Hill.
 Olson, Hazel, Topeka.
 Olson, Josephine, Axtell.
 Olson, Margaret, White City.
 Olson, Lou E., Axtell.
 O'Neil, Mary Helen, Axtell.
 Orr, Helen, Anthony.
 Orr, Marie, Newton.
 Osborn, Rosalia, Wichita.
 Ostenberg, Gunhild, Marquette.
 Ottaway, Harriett Mae, Haviland.

COLLEGE FRESHMEN—Continued.

Page, Agnes, Eudora.
 Page, Cora, Detroit.
 Page, Zella R., Eudora.
 Painter, John L., Quenemo.
 Palmer, Allen E., Portis.
 Patrick, Glenice, Santa Fe.
 Patterson, Genevieve, Barnes.
 Patterson, Howard, Emporia.
 Patterson, John C., Haddam.
 Pattison, Alice, Council Grove.
 Patton, Anna, Arkansas City.
 Patton, Bertha, Lyndon.
 Patton, Bessie, Arkansas City.
 Patton, Mary, Lawrence.
 Paul, Edith M., Jamestown.
 Pauli, Carrie, Bern.
 Paxton, Mrs. J. V., Emporia.
 Payne, R. H., Brunswick, Mo.
 Payne, Marguerite, Emporia.
 Pegram, John N., Vergil.
 Pelzell, Elsie, Harper.
 Pegrem, Anna Belle, Belle Plaine.
 Perkins, Helen, Munice.
 Perkins, Lillian A., Moran.
 Perkins, Lois, Meade.
 Perry, Bertha M., Parsons.
 Perry, Catharine, Oskaloosa.
 Perry, Ethel, Greensburg.
 Perryman, Gladys, Foraker, Okla.
 Persinger, Olive K., Canton.
 Phillips, Helen, Herington.
 Phillips, Lillian, Ottawa.
 Picolet, Lucy, Wamego.
 Pierson, Lola F., Emporia.
 Pierson, Marie, Emporia.
 Pierson, Selma, Savonburg.
 Pirtle, Fred, Council Grove.
 Pistorius, Grant, South Haven.
 Platt, Blanche, Overbrook.
 Poisal, Dorothy, Kirwin.
 Pottinger, Virgil, Topeka.
 Powell, Mabel, Chanute.
 Prange, Bessie, Altoona.
 Pratt, Melle G., Colby.
 Pratt, Mable E., Wetmore.
 Pretz, Mary, Irving.
 Price, Arthur, Toronto.
 Price, Gladys, Beattie.
 Price, Sara A., Beattie.
 Pulley, Annie, Leavenworth.
 Putnam, Vera, Gaylord.
 Quint, Mary Grace, Hill City.
 Quisenberry, Faye, Emporia.
 Ralston, Tylitha, Augusta.
 Randels, Alta F., Anthony.
 Raymand, Paul D., Centralia.
 Raymond, Rollin A., Centralia.
 Reardon, Elizabeth A., Tonganoxie.
 Rebman, Clara, La Harpe.
 Record, Grace May, Humboldt.
 Reed, Mary, Klondyke, Ariz.
 Reed, Jane, Kansas City.
 Rees, Edward, Emporia.
 Rees, Irma, Emporia.
 Reeve, Juliet, Hugoton.
 Reeves, Homer L., Grenola.
 Rehm, Charles H., Hutchinson.
 Reid, Nettie, Arkansas City.
 Reilly, Lola, Iola.
 Reilly, Marie, Chanute.
 Reneau, Jessie, Florence.
 Reneau, Mary B., Florence.
 Retter, Lena G., Wakefield.
 Reynolds, Icille D., Yates Center.
 Reynolds, Margaret A., Osawatometie.
 Rezac, Martha, Rossville.
 Rhinehart, May, Springhill.
 Richards, Gladys M., Haviland.
 Richards, Marvin, Severy.
 Richmond, Clede, Wellsville.
 Richolson, Zillah, Plainville.
 Ricketts, Lulu, Iola.
 Riddell, Iva, St. Francis.
 Ridings, Ola M., Salina.
 Rieniets, Grace, Pratt.
 Riesen, Roland Von, Marysville.
 Riisoe, Edna, Kinsley.
 Riley, Belle, Cottonwood Falls.
 Riley, Jennie, Garden City.
 Rissler, Neva, Hill City.
 Robb, Susie, Salina.
 Roberts, Gladys, Dunlap.
 Roberts, Lela, Emporia.
 Robinson, Ocie, Welda.
 Rockwell, Catherine, Wichita.
 Rogers, China, Manhattan.
 Rogers, Minnie, Arkansas City.
 Roote, Paul, Eskridge.
 Rorabaugh, Pearl, Lebanon.
 Rorick, Floyd, Emporia.
 Rosacker, Joe, Emporia.
 Roseberry, Mable E., Rantoul.
 Ross, Elizabeth, Baker.
 Ross, Mary, Delphos.
 Rostetler, Frank L., Fairview.
 Roth, Mae Pearl, Bern.
 Rowland, Rhoda, Emporia.
 Ruden, Julia, Axtell.
 Rumsey, Florence, Emporia.
 Rush, Edith, Great Bend.
 Russell, Ella, Spring Hill.
 Russell, Mary F., Stafford.
 Saffer, Liita, Reading.
 Savage, Maude, Durham.
 Schaefer, Elizabeth, Russell.
 Schaible, Harold M., Fairview.
 Seoby, Otis, Fairview.
 Sconce, Daisy B., Quenemo.
 Scott, Mrs. Alice H., Hutchinson.
 Scott, Harry A., Parsons.
 Scott, Laila, Burlington.
 Scott, Ruth, Topeka.
 Scott, Olga, Altamont.
 Seoville, Grace, Valley Falls.
 Sculley, Florence, Colony.
 Seaman, Arthur M., Axtell.
 Searle, Frances, Oskaloosa.
 Shaffer, Frances, Valley Falls.
 Sharp, Frances, Valley Falls.
 Sharp, Lloyd, Carbondale.
 Sharp, Pearl M., Virgil.
 Shauers, Eunice I., Ness City.
 Sheets, Jennie, Abilene.
 Shelhamer, G. Dorothy, Fowler.
 Shippy, Elsie L., Chapman.
 Shippy, Lina M., Chapman.
 Shoff, Hazel, Wichita.
 Shuler, Fred, Bucklin.
 Shumard, Hazel, Dodge City.
 Simonton, Helen, Horton.
 Simmons, Onnie, Topeka.
 Simpson, Harold, Canton.
 Simpson, Loren B., Tribune.
 Simpson, Mary, Salina.
 Sister M. Amelia, Concordia.
 Sister M. Attracta, Concordia.
 Sister M. Bernard, Concordia.
 Sister M. Crescentia, Concordia.
 Sister M. Louise, Concordia.
 Skaggs, Jessie, Minneapolis.
 Skinner, Bessie M., Peabody.
 Skinner, Julia, Topeka.
 Slaback, Essie M., Chanute.
 Slaughter, Faye, Topeka.
 Sloan, Jennie, Zenda.
 Smies, Julia, Clifton.

COLLEGE FRESHMEN—*Continued.*

Smith, Beatrice, Derby.
 Smith, Celia, Summerfield.
 Smith, Glen W., Washington.
 Smith, Helen E., Independence.
 Smith, Hester A., Independence.
 Smith, James M., Lost Springs.
 Smith, Lee E. Muskogee.
 Smith, Lester L., Hartford.
 Smith, Maude, Frankfort.
 Smith, Maurine, Emporia.
 Smith, Merl, Florence.
 Smith, Nina Jane, Howard.
 Smith, Verna I., Frankfort.
 Smyth, Hazel, Glasco.
 Snell, Ruth, Emporia.
 Snider, Harold, Chanute.
 Snyder, John, Haven.
 Sparrowhawk, Vida H., Wakefield.
 Spencer, Barley, Emporia.
 Spencer, Mrs. Nannie, Soldier.
 Sperry, Myron, Edmond.
 Sprecker, Edith E., Rosalia.
 Starkweather, Marie, Lawrence.
 Starr, Ray W., Emporia.
 Starry, Ivil G., Louisburg.
 Stay, Alona, Clifton.
 Steckel, Ida, Woodbine.
 Steele, Emma, Sterling.
 Steiner, Clara M., Wakefield.
 Steinmetz, Ethel, Emporia.
 Stenger, Cassie, Council Grove.
 Sterling, Winifred, Carlton.
 Stevens, Mrs. George C., Mankato.
 Stevens, Helen, Noble, Mo.
 Stevenson, Etta, Lincoln.
 Stewart, Gladys, Humboldt.
 Stewart, Lulu, Independence.
 Stewart, Mae, Chanute.
 Still, Stella J., Lawrence.
 Stine, Ella, Vermilion.
 Stine, Mrs. Mary F., Ottawa.
 Stites, W. Lee, Mound City.
 Stiver, Una, Council Grove.
 Stokes, Helen, Osawatomie.
 Stolfus, Gertrude, Emporia.
 Stoner, Delenia, Topeka.
 Stoner, Mary, Hugoton.
 Stosz, Nora, Beattie.
 Stosz, William H., Beattie.
 Stouder, James, Allen.
 Strawn, Hazel, Moran.
 Strickler, Frank E., Ransom.
 Strickler, Lester, Rose Hill.
 Stricklin, Blanche, Liberal.
 Strobe, Virgil C., Iola.
 Stromire, Matthew, Little River.
 Strutzel, Martha, Olpe.
 Struzel, Theresa, Olpe.
 Stuart, Corinne, Newton.
 Stubbs, George, Hartford.
 Suggs, George W., Hartford.
 Sullivan, Gail, Wamego.
 Sutton, Bess, Ottawa.
 Swain, Mildred, Bonner Springs.
 Swarner, Ruth, Hartford.
 Swartz, Mary A., Hutchinson.
 Swenson, Beatrice, Clay Center.
 Switzer, Grover B., Lost Springs.
 Taylor, Ada J., Hoisington.
 Taylor, Irene, Atchison.
 Taylor, Minnie, Guthrie, Okla.
 Taylor, Ruth, Chapman.
 Templer, Ernest S., Madison.
 Thiele, Amy C., Washington.
 Thomas, Emma, Emporia.
 Thompson, Mrs. Lou, Cottonwood Falls.
 Thompson, Olive A., Emporia.
 Thompson, Thelma, Conway Springs.
 Thorn, Besse, Beattie.
 Thorn, Josephine, Beattie.
 Tipton, Helen, Parsons.
 Todd, Pearl, Emporia.
 Todd, Ralph S., Salina.
 Tolin, Ernest H., Soldier.
 Tolin, Olive, Soldier.
 Tomlinson, Anna M., Grenola.
 Tomlinson, Bryan, Grenola.
 Tomlinson, Mabel, Grenola.
 Tomlinson, Zada I., Grenola.
 Tracy, Lillian, Topeka.
 Trent, Gladys J., Kansas City.
 Trial, Grace, Muscotah.
 Triplett, Roger, Emporia.
 Titt, Adda A., Wellington.
 Trovhnem, Ada, Bucklin.
 Tyler, Ernest D., Peek.
 Tyler, Jessa, Fredonia.
 Unruhe, John Russell, Fall River.
 Unrul, Esther, Newton.
 Canceleave, Dora, Anthony.
 Van Duser, Florence, Fredonia.
 Van Gundy, Ethel, Neosho Rapids.
 Vaughn, James, Emporia.
 Venerable, Conquest, Lawrence.
 Ver Brugge, Adriana, Emporia.
 Voshelle, Cecil, McPherson.
 Wachter, Mary K., Emporia.
 Wade, Blanche, Gas.
 Wade, Ora, Maple Hill.
 Wakefield, Olive L., Caney.
 Walden, R. C., Paxico.
 Wall, Mary C., Topeka.
 Wallace, Byrdie, Augusta.
 Walter, Clara Edith, Wakefield.
 Walters, Frank I., Bancroft.
 Walters, William, Bancroft.
 Walters, Velam, Wakefield.
 Walthour, Helen J., Newton.
 Wamser, Alice, Reading.
 Wann, Nanny, Marquette.
 Ward, Hazel, Liberal.
 Ware, Edna, Buchanan.
 Warner, Kate Isla, Spearville.
 Warrender, Leota, Augusta.
 Washington, Frances, Keystone.
 Watson, Alice, Osage City.
 Watson, Gladys, Reading.
 Watson, Rose, Osage City.
 Weage, Louisa, Kinsley.
 Webber, Elizabeth, Logan.
 Webster, Guy, Mountain Grove, Mo.
 Webster, Maybelle, Derby.
 Weigand, Margaret, Burlington.
 Weikal, Margaret, Bucklin.
 Welch, Bessie, Edna.
 Welchon, Margaret, McLoud, Okla.
 Wells, Mrs. Jessie, Emporia.
 Wells, Laura, Emporia.
 Wells, Lena M., Williamsburg.
 Welsh, Verda, Kiowa.
 Welton, Ethyle, Rantoul.
 Welton, Juanita, Rantoul.
 Welty, Raymond, Hill City.
 Wendt, Emma, Elmo.
 Wenger, Matilda, Junction City.
 Wentzel, Lula J., Ransom.
 Whalen, Bess, Lincoln.
 Wheeler, Amanda, Kansas City, Mo.
 Wheeler, Edyth, Towanda.
 Wheeler, Ethel, Marion.
 Whipple, George G., Ottawa.
 White, Alma, Glen Elder.
 White, Edith M., Holton.
 White, Louisa, Great Bend.
 White, Wilma, Belpre.
 Whitford, Doris E., Woodston.
 Whitlow, Wayne, Moran.

COLLEGE FRESHMEN—Continued.

Whitten, Mae, Marysville.
 Wieland, Antoinette, Hays.
 Wilcoxson, Myrtle, Emporia.
 Wiles, Harry B., Canton.
 Widmer, Earl, Parsons.
 Wilkerson, Florence A., Lewis.
 Wilks, Mabel, Emporia.
 Williams, Annie E., Hugoton.
 Williams, Cappy, Emporia.
 Williams, Mary R., Emporia.
 Williams, Olive, Neal.
 Willig, Josephine, Wamego.
 Willis, Anna, Emporia.
 Wilson, Daisy M., Elwood.
 Wilson, Ethel, Junction City.
 Wilson, James W., Chicago, Ill.
 Wilson, Jessica, Winfield.
 Wilson, Mabel, Emporia.
 Wilson, Marie, Emporia.
 Wilson, Mary E., Formoso.
 Wilson, Vera, Altoona.
 Wing, Maude, Newton.
 Winner, Florence, Winfield.
 Winston, Samuel, Kansas City, Mo.
 Wise, Mrs. Edith S., Hiawatha.

Wode, Marie, Collinsville, Okla.
 Wolf, Harry D., Haven.
 Wolf, Lucile G., Marion.
 Wonder, Lilly G., Preston.
 Wood, Barnard, Chanute.
 Wood, Nora, Emporia.
 Wood, Rose, Newton.
 Woodcock, Edna L., Emporia.
 Woodson, Hazel, Kingman.
 Woodward, Mabel, Summerfield.
 Woodward, Ruth, Garden City.
 Worden, Blanche, Eskridge.
 Worster, Velam, Greenleaf.
 Wright, Julia, Clay Center.
 Wright, Mrs. Nettie, Alta Vista.
 Wuester, Vera, Beattie.
 Young, Clara, Bayneville.
 Young, Eva, Emporia.
 Young, Lena R., Greensburg.
 Young, Lloyd P., Moran.
 Young, Mayme, Springhill, Mo.
 Youngberg, Theresa, Cleburne.
 Younger, Paul, Tonganoxie.
 Youngroot, Bertha, Osage City.

HIGH SCHOOL SENIORS.

COMPLETED WORK FOR DIPLOMA AUGUST, 1915.

Adams, Ruth Winifred, French, N. M.
 Blair, Alma L., Netawaka.
 Bourm, Ettie M., Emmett.
 Britton, Logan, Wheatland.
 Burri, Minnie, Dunlap.
 Chandler, Mary E., Colony.
 Chappell, Ora, Haddam.
 Clements, Ora, Chanute.
 Cosand, Chester, Cuba.
 Fairchild, Lucy, Carlton.
 Fleming, Loma, Emporia.
 Fleming, Edna, Soldier.
 Greenlee, Harvey, Emporia.
 Graham, Inez, Neodesha.
 Guthrie, Martha, Neola.

Hodges, Minnie, Emporia.
 Honn, Blanche, Iola.
 Howard, Mary E., Leavenworth.
 Huxman, P. H., Pretty Prairie.
 Kittell, Willetta, Emporia.
 Laird, Hazel, Emporia.
 Martin, Clyde C., Mound City.
 Morris, Julia, Emporia.
 Orsbourn, Gladys, Wellsville.
 Perrine, Ocie, Emporia.
 Price, Arthur, Toronto.
 Robson, Velma, Mayetta.
 Shauers, Florence, Ness City.
 Williams, Mary R., Emporia.

CANDIDATES FOR DIPLOMA IN JUNE, 1916.

Back, May, Parker.
 Brewster, Grace L., Emporia.
 Briggs, Mildred E., Utica.
 Crawford, Marie, Cleveland.
 Ellenberger, Edith Clara, Bazine.
 Filing, William H., Cuba.
 Fleming, Cassie, Emporia.
 Fleming, Halcie, Emporia.
 Godsey, Edith, Emporia.
 Griblin, Mildred, Virgil.
 Hansen, Mabel, Turon.
 Harder, Laurenia, Dunlap.
 Honn, Pearl, Iola.
 Ingalls, Ethel Grace, Galva.
 Keefover, Iva A., Barnes.
 King, Eva S., Emporia.
 Kropf, Irene, Chicago, Ill.
 Levering, Roland, Hamilton.
 Linhart, Katherine, Irving.

McCarter, Meda, Emporia.
 Malmgren, Ruth, Falun.
 Miller, Ellen R., Lehigh.
 NeuenSchwander, Rose, Madison.
 Peele, Fern, Eureka.
 Petty, Lenore, Olivet.
 Pringle, Robena, Rose.
 Regier, Anna, Moundridge.
 Shauers, Eunice, Ness City.
 Sprecher, Chloe, Rosalia.
 Sprecher, Edith, Rosalia.
 Stark, Arzie, Elk City.
 Swallow, Fred E., Elk City.
 Taylor, Maybelle, Topeka.
 Taylor, Neva, Zeandale.
 Traxler, Arthur, Emporia.
 Walters, Maude, Riley.
 Wright, Mrs. M. O., Alta Vista.

CANDIDATES FOR DIPLOMA IN AUGUST, 1916.

Clyde, Minnie, Emporia.
 Eastman, Florence, Matfield Green.
 James, Ruth McKinley, Emporia.
 Leu, Fannie, Madison.
 Manly, William, Diamond Springs.

Morrison, Muriel, Emporia.
 Robinson, May H., Rantoul.
 Thrasher, Dena, Emporia.
 Van Gundy, Golda, Neosho Rapids.

HIGH SCHOOL SENIORS—*Continued.*

HIGH SCHOOL SENIORS NOT COMPLETING WORK FOR DIPLOMA.

Anderson, John Milton, Gem.
 Asmussen, Marie, Allen.
 Autenfeld, Theresa, Emporia.
 Baptist, Myrna, Emporia.
 Barrett, Alpha, Olivet.
 Baugh, Lillian, Emporia.
 Bearman, Belle, Johnson.
 Bonfield, Agnes, Elmo.
 Boyle, Walter J., Bennington.
 Brewster, Ava, Thayer.
 Buchanan, Harry S., Welda.
 Burri, Clara, Dunlap.
 Carter, Eva, Harveyville.
 Cope, Lois M., Emporia.
 Cosand, Chester, Cuba.
 Cox, Phoebe, Troy.
 Crowell, Grace, Alta Vista.
 Curtiss, Cline, Beeler.
 DeVolt, Darwin E., Abbyville.
 Dillon, Hiatt M., Lafontaine.
 Dulebohn, I. H., Kearney.
 Dunsworth, Dorothy, Emporia.
 Ealy, Marguerite, Hamilton.
 Edwards, Mildred, Emporia.
 Edwards, Phil, Emporia.
 Elliott, Elizabeth M., El Dorado.
 Fairchild, Mary O., Earlton.
 Farr, Clifford, Marion.
 Farrar, Julia, Jarbolo.
 Fent, Edna E., Marfield Green.
 Fenton, Doris, Hazelton.
 Fowler, Mima, Fredonia.
 French, George M., Pretty Prairie.
 French, John W., Emporia.
 Fulk, Fred, Longton.
 Fuller, Ruby, Saffordville.
 Gardner, Lawrence, New Albany.
 Geelan, Salome L., Leocompton.
 Gardner, Dora, Tampa.
 Gardner, Ruth, New Albany.
 Gibbs, James, Elk Falls.
 Godwin, Bessie Ruth, Council Grove.
 Gum, Twila, Windom.
 Hayden, R. Estelle, Concordia.
 Hayes, Harold, Severy.
 Hebrank, Emma, Council Grove.
 Heglin, Emma, Superior, Neb.
 Heidemann, Melville, Elk City.
 Holm, Olga, Irving.
 Hopkins, Mrs. Della, Topeka.
 Hopkins, Jessie, Lawrence.
 Horner, Alva P., Lincoln.
 Hotze, Bertha, Topeka.
 Hubbard, Edith, Salina.
 Ice, Franc, Cedar Point.
 Iden, Joye, Gove.
 Ito, Takeshi, Suva, Japan.
 Jones, Vera Dell, Quincy.
 Joslin, Alice, Lincoln.
 Kissack, Ethel, Summerfield.
 Knisely, Alta, La Cygne.
 Knisely, Carrie, La Cygne.
 Knisely, Cora, La Cygne.
 Lambert, Edith I., Elbing.
 McConnell, Marsee, Lafontaine.
 McNeerney, Anna, Lucas.
 McProud, Agnes, Louisville.
 Maddox, Letha, Hazelton.
 Marsh, Arthur Garnet, Emporia.
 Mastin, Stanley, Ramona.
 Meek, Hazel, Centralia.
 Meyer, Minnie M., Linn.
 Moore, Ruth, Emporia.
 Morris, Bessie, Emporia.
 Morton, Gladys M., Emporia.
 Nanninga, Ann, Emporia.
 Norman, Bess, Emporia.
 Page, Virginia, Hamilton.
 Paulus, Lydia, Mound Ridge.
 Phillips, Mack F., Emporia.
 Pollard, Rosella, Sedgwick.
 Porter, Leo S., Simpson.
 Price, W. Manford, Toronto.
 Rages, E. A., Emporia.
 Ray, Ella Lee, Atlanta.
 Ray, Orlye, Atlanta.
 Rector, Edna, Emporia.
 Reinert, Henry, Riverside.
 Rice, Jessie Luella, Silver Lake.
 Richards, Alice, Emporia.
 Riggs, Clara, Emporia.
 Robertson, Isabell, Paola.
 Rogers, Gertrude, Burlington.
 Rost, Carrie, Sedan.
 Rugg, Lee C., Hazelton.
 Sheriand, Dola, Oneida.
 Shore, Benjamin, Pleasanton.
 Smith, Irl E., Emporia.
 Smith, Lillian, Rosalia.
 Spencer, Florence, Richmond.
 Sperry, Mrs. Alleva, Lucas.
 Stark, Mrs. Hazel, Emporia.
 Stewart, Augustine, Emporia.
 Stewart, Bertie, Rich Hill, Mo.
 Stout, Nellie G., Emporia.
 Sturman, Nellie, Emporia.
 Swarner, Tressie, Bushong.
 Swendig, Louise, Sedgwick.
 Talley, Bessie M., Hudson.
 Teichgraeber, Florine, Emporia.
 Thompson, Emma F., Lost Springs.
 Tipton, Laura, Morehead.
 Trigg, Jesse Frank, Goodrich.
 Tunney, Leslie, Emporia.
 Waite, Earl, Emporia.
 Waldron, C. Frank, Louisburg.
 Welch, Kenneth, Emporia.
 Wells, Donald, Emporia.
 Wenger, Marie, Junction City.
 Whipple, Hazel, Ottawa.
 White, Fred, Buffalo.
 White, Mary J., Hutchinson.
 Whittemore, Ida, Emporia.
 Williams, Hazel, Osawatomie.
 Wise, Verna, Louisburg.
 Woodson, Nellie, Kingman.
 Yokum, Verda, Welda.

HIGH SCHOOL JUNIORS.

Agrelus, Kenneth, Emporia.
 Ainsworth, J. W., Rush Center.
 Altland, Louella, Sawyer.
 Appletrud, Adeline, Leonardville.
 Ashenfelter, Hazel, Emporia.
 Bain, Mollie, Dunlap.
 Banks, Mary, Gas.
 Baugh, Clarice, Emporia.
 Belton, Helen, Lost Springs.
 Bennett, Tom, Emporia.
 Bitler, James Roy, Emporia.
 Blackwood, Merl A., Emporia.
 Bodine, Alta V., Burlingame.
 Bodine, Effie, Burlingame.
 Bonwell, William A., Emporia.
 Bourm, Goldia, Emmett.
 Bowman, Carl A., Benedict.
 Bowman, Everett, Fredonia.
 Bracken, Zelda, Independence.
 Bradley, Margaret, Parker.
 Brainard, Isabell, Emporia.
 Brown, Luvenia, Topeka.
 Brown, Zella, Parkerville.
 Browning, Daisy Holliday, Rose.

HIGH SCHOOL JUNIORS—*Continued.*

Burnet, Joseph, Dighton.
 Burns, Lela, Emporia.
 Buler, Elizabeth, Newton.
 Campbell, Gladys, Emporia.
 Campbell, Grace, Topeka.
 Carter, Alice, Emporia.
 Cartmel, Alma, Emporia.
 Cavanagh, Ester, Ozawkie.
 Clark, Bertha, Emporia.
 Cleland, Anna, Emporia.
 Clower, Fay W., Chanute.
 Coons, Ezra E., Stafford.
 Coventry, Blanche, Alexander.
 Crank, Zetta, Denver, Colo.
 Craven, Viola, Caldwell.
 Czapansky, Lucy, Aurora.
 Day, Grace, Emporia.
 Day, Jessie, Eskridge.
 Dickeson, Edith, Emporia.
 Dickinson, Willetta, **Alamota.**
 Dodge, Sharlette, Ness City.
 Draffin, Lorene, Emporia.
 Eastman, Dorothy, Matfield Green.
 Erikson, Anna, Junction City.
 Finnin, Eunice, Hugoton.
 Fischer, Helen, New Ulysses.
 Fisher, Elva, Cedar Point.
 Flynn, Joseph, Palmer.
 Francis, Willard, Natoma.
 Franklin, Blanche, Larned.
 Fritz, Lulu J., Circleville.
 Fromong, Laura F., Rozel.
 Gillen, Mary Ellen, Kingman.
 Grady, Robert, Emporia.
 Graves, Augusta, Dunlap.
 Greenlee, John J., Americus.
 Griffith, Glen, Rosalia.
 Grimes, Anna, Louisburg.
 Gropp, Myrtle, Kendall.
 Gross, Vesta, Emporia.
 Hamilton, Robert L., Topeka.
 Hardin, Ruth, Marceline, Mo.
 Harvey, Amos M., Strawn.
 Hatcher, I. H., Emporia.
 Hawkins, Ruth E., Emporia.
 Haynes, Carol, Emporia.
 Haynes, Dorothy, Emporia.
 Hemenway, Ruth, Emporia.
 Hildebrand, Susan, Pawhuska.
 Hinton, Carrie, Fulton.
 Hinton, Mary, Fulton.
 Horning, Jessie L., Moline.
 Howell, Thomas, Emporia.
 Hutchinson, May, Gas.
 James, Ivah, Emporia.
 Jensen, Edna, Quenemo.
 Jensen, Thirkel, McPherson.
 Johnsmeyer, Vera L., Riley.
 Johnson, Claude, Phillipsburg.
 Jones, Blanche, Sylvia.
 Kelley, Marjorie, Emporia.
 Knight, Paul H., Emporia.
 Koontz, Lois, Emporia.
 Krueger, Lottie, Leavenworth.
 Leavel, Chris, Emporia.
 Lund, John, Alma.
 McCauley, D. Edna, Berryton.
 McDonald, Kathryn, Hartford.
 Madden, Ellen, Emporia.
 Marburger, Esther, Emporia.
 Marshall, Hazel, Emporia.
 Martin, Mazel, Emporia.
 Mastin, Ephra, Ramona.
 Maure, Adolph, Reserve.
 Maxson, Della, Emporia.
 Meyer, Bertha M., Hiawatha.
 Miller, Gertrude, Syracuse.
 Moeller, Martha, Emporia.
 Morris, Della, Emporia.
 Morrissey, Mae, Frankfort.
 Mullen, Harvey, Stafford.
 Murray, Roy, Simpson.
 Myers, Vick, Hamilton.
 Nelson, Louise, Allen.
 Noffsinger, Cecile, Fall River.
 Noffsinger, Ula, Fall River.
 Noyes, Henry, Emporia.
 Owen, Mark, Williamsburg.
 Owen, Oscar, Elk City.
 Pearsall, Lester, Shields.
 Perkins, Mrs. Glenn, Meade.
 Porter, Charlotte, Gridley.
 Rich, Emmett, Prescott.
 Riffin, Bessie, Burlingame.
 Riley, Prudence, Salina.
 Raach, Harry, Lakewood, Ohio.
 Robertson, Edna, Paola.
 Robinson, Miles, Severy.
 Rofers, William, Emporia.
 Rorabaugh, Dorothy, Bellaire.
 Rosenberger, Floyd, Burlington.
 Rumford, Frederick, Jemore.
 Rupard, Pearl M., Elk City.
 Russell, Richard B., Garnett.
 Schwendig, Rose V., Council Grove.
 Sellers, Leslie, Neosho Rapids.
 Simmonds, Lloyd, Athol.
 Smiley, Laura M., Silver Lake.
 Smith, Ethel, Ramona.
 Smith, Esther K., Emporia.
 Smith, Lizzie, Summerfield.
 Smyth, Ethel, Dodge City.
 Snyder, H. Earl, Galesburg.
 Stannard, May, Emporia.
 Stark, Edith, Lucas.
 States, Kate, Emporia.
 Stephens, Edith May, Emporia.
 Stewart, Glen D., Humboldt.
 Stout, Mary E., Las Animas, Colo.
 Tischhauser, Edna, Wilsey.
 Troll, Anna, Emporia.
 Tunney, Ethel, Emporia.
 Ullman, Margaret, Severy.
 Valyer, Ernest, Allen.
 Vandenburg, Grace, Bushong.
 Van Voris, Lucile, Emporia.
 Voorhees, Hannah, Olpe.
 Warren, Mary Emily, Emporia.
 Watkins, Myron, Emporia.
 Wecker, Clara, Emporia.
 Wecker, Emma, Emporia.
 Whitehead, Ida, Blue Mound.
 Wilers, Dove, Dodge City.
 Williams, Bessie, Speed.
 Williams, Sarah E., Scotland, Ga.
 Wilmore, Myrtle, Emporia.
 Wilson, Gladys, Emporia.
 Withington, A. B., Lawrence.
 Woodard, Florence, Emporia.
 Yinger, R. V., Johnson.
 Young, Crystal R., Savonburg.

HIGH SCHOOL SOPHOMORES.

Abrams, Kenneth, Emporia.
 Allen, Ralph, Washington.
 Allen, William Victor, Garrison.
 Alsop, Lila Grace, Wakefield.
 Ard, Hazel Ruth, Elsmore.
 Baker, Harriet, Emporia.
 Baker, Ina Blanche, Latimer.
 Barnes, Arnold, Louisburg.
 Benander, Winifred, Richland.
 Bender, Wilmer, Emporia.
 Billings, Ruth M., Wilmore.
 Bird, Sarah E., Haviland.

HIGH SCHOOL SOPHOMORES—*Continued.*

Bonfield, Anna, Elmo.
 Boyle, Joseph, Bennington.
 Braucher, Margaret, Emporia.
 Brown, Harry Monroe, Emporia.
 Burdge, Walter R., Chanute.
 Burkey, Hazel, Hazelton.
 Campbell, Verne, Emporia.
 Carlisle, Jay Scott, Spearville.
 Carmain, Valda, Waverly.
 Carmicheal, Bertha L., Wichita.
 Carter, Elizabeth Emily, Emporia.
 Chitwood, Faye, Ozawakie.
 Coerber, Anna Martha, Deerfield.
 Coleman, Mary R., Emporia.
 Crist, Mary Alice, Marquette.
 Cross, Florence E., Emporia.
 Darrah, Mary Lizzie, Emporia.
 Davis, Manda, Clearwater.
 Dees, Earl, Emporia.
 Delfs, Belle, Americus.
 Delp, Arthur D., Kinsley.
 Dent, Ellsworth, Council Grove.
 Dinkler, Bernadett, Brookville.
 Donovan, Anna, Lansing.
 Donovan, Nona, Lansing.
 Drake, Henrietta, Piedmont.
 Duer, Joe, Zenith.
 Elliott, Nora, Republic.
 Faidley, Hila, Broughton.
 Fisher, Mrs. Opal, Hartford.
 Forbes, Eunice, Emporia.
 Francis, L. W., Natoma.
 Fulmer, Mabel, Cherryvale.
 Gardner, Sadie, Herington.
 Gibson, Mrs. Ida, Burden.
 Greene, W. Dwight, Bazaar.
 Gum, Iva Ruth, Windom.
 Gum, Lillie Esther, Windom.
 Gunzelman, Bessie, Emporia.
 Halbe, Blanche, Dorrance.
 Hall, Will, Peabody.
 Hatcher, Paul, Emporia.
 Hays, Margaret, Stillwell.
 Herzog, Lillie, Emporia.
 Hill, Ruth O., Emporia.
 Hiller, Clara, Assaria.
 Hinshaw, Nellie, Wilsey.
 Hull, Mary L., Wellington.
 Hultz, Laura, Emporia.
 Humphrey, Elmer, Emporia.
 Hunter, Mildred, Emporia.
 Iobe, Victor, Emporia.
 James, Inez, Emporia.
 Johnson, Merrill, Phillipsburg.
 Kendle, Ethel, Council Grove.
 Kimball, Fred, Fall River.
 Kincheloe, Daisy, Centralia.
 Kissell, Mae, Spearville.
 Knisely, David, La Cynge.
 Kroth, Lilah, Soldier.
 Lamb, Edith M., Alamota.
 Letourneau, Clara, Aurora.
 Likes, Olive M., Neosho Rapids.
 Lindholm, Vera, Falun.
 Lindholm, Victoria, Falun.
 Loveless, Tom, Emporia.
 Lucas, Lucile L., Dighton.
 McGuirk, Maggie, Louisburg.
 McMorris, Ada Grace, Washington.
 Manly, Roy F., Diamond Springs.
 Masterson, Cordelia, Manhattan.
 Mehl, Sebern, Emporia.
 Milbrandt, Nellie May, Burlingame.
 Millard, Frank, Larned.
 Miller, Nettie H., Howard.
 Miser, Cora J., Diamond Springs.
 Mitchell, Mary, Republic.
 Morris, Norma, Chase.
 Nicholas, Sarah L., Emporia.
 Noffsinger, Geraldine, Fall River.
 Parson, Bessie, Kelso.
 Parsons, Minnie, Kelso.
 Parsons, Nellie, Kelso.
 Peach, Joe, Emporia.
 Peters, Elsie M., Salina.
 Peters, Helen, Emporia.
 Purkable, Glenn W., Madison.
 Rash, Lola, Atlanta.
 Reynolds, Ralph P., Osawatimie.
 Ross, Hattie, Meade.
 Ruggles, Helen, Emporia.
 Sheppard, Glenn, Lincoln.
 Sloan, Ruth, Zenda.
 Smith, Nora C., Miltonvale.
 Spivey, William T., Minneapolis.
 Starry, Clark, Louisburg.
 Strode, Fontella, Iola.
 Tague, Irma, Hutchinson.
 Tipton, Captolia, Parsons.
 Troll, Matilda, Emporia.
 Tunney, Blanche, Emporia.
 Turkle, Dwight, Emporia.
 Turner, Virginia, Emporia.
 Valyer, Herbert, Allen.
 Warner, Clara, Lebanon.
 Weeks, Mark, Dunlap.
 Welden, Myrtle C., Sylvia.
 Wendland, Milton, Winkler.
 Wenzell, Bennett, Emporia.
 Whitecomb, Cecil, Independence.
 Whiteley, Otis, Emporia.
 Whitton, Emma, Kiowa.
 Wiggins, Bess, Eureka.
 Williams, Lewis, Emporia.
 Wilson, Lafayette, Independence.
 Wolford, Elsie M., Newton.
 Zollars, Beulah G., Emporia.

HIGH SCHOOL FRESHMEN.

Agrelus, Claire, Emporia.
 Ahsman, Bee, Mulvane.
 Akins, Charles, Halstead.
 Anderson, Janet, Osage City.
 Andreas, William, Emporia.
 Arkell, Mary, Junction City.
 Armour, Rebecca, Strong City.
 Austin, Olive, Emporia.
 Babcock, Sylvia B., Nortonville.
 Baker, Martha E., Fulton.
 Barncord, Marjorie, Emporia.
 Bassett, Roy, Emporia.
 Boggs, Arthur, Emporia.
 Bollin, Frank, Leavenworth.
 Boring, Bessie Jane, Emporia.
 Braden, Maud, Lebanon.
 Briggs, Ruth, Sedan.
 Brim, Grayce, Emporia.
 Brooks, Theodore, Emporia.
 Bryan, Dessie, Emporia.
 Bryan, Ruth, Council Grove.
 Buck, Francis E., Thayer.
 Buckley, Ada O., Junction City.
 Burk, Gloyd G., Emporia.
 Burns, Nellie, Emporia.
 Butz, Effie, Oneida.
 Cauldwell, Flossie, Matfield Green.
 Christy, Edith, Garnett.
 Clark, Myrtle, Gaylord.
 Clayton, Mary E., Kendall.
 Clow, Ruth, Emporia.
 Clyde, Nellie, Emporia.
 Coats, Frank, Altoona.
 Cole, Benjamin, Emporia.

HIGH SCHOOL FRESHMEN—*Continued.*

Coleman, Willis L., Overbrook.
 Cook, Hartwell, Emporia.
 Crandell, Kate, Emporia.
 Crumley, Ollie, Fredonia.
 Dahm, Rosa, Great Bend.
 Dakin, Myrtle, Drexel, Mo.
 Davis, Hartsel, Olpe.
 Davis, Lona Mae, Rest.
 Davis, Mount Erwin, Douglass.
 Dees, Jarus, Emporia.
 DeVault, John H., Sharon.
 DeVolt, Berl V., Abbyville.
 Drake, Laurel, Gretna.
 Drake, Lawrence, Piedmont.
 Drake, Lola, Ada.
 Drake, Russell, Emporia.
 Dumond, Lester A., Garden City.
 Eastman, Blanche, Matfield Green.
 Edwards, Marjorv, Emporia.
 Ehret, Harlan, Holcomb.
 Elliott, Ella Anne, El Dorado.
 Fenlon, Veryl, Emporia.
 Finch, M. LaVina, Mound City.
 Fisher, Helen T., Emporia.
 Fisher, Josephine, Emporia.
 Focht, Marie, Emporia.
 Froberg, Edwin G., Waterville.
 Fultz, Atlee, Emporia.
 Gardner, Ruth, Elmo.
 Gaughan, Julia, Earleton.
 Gilcrease, Belle, Tulsa, Okla.
 Gilcrease, Thomas, Tulsa, Okla.
 Gilmore, Dorothy, Allen.
 Gist, Mrs. Effie, Emporia.
 Glazier, Gladys, Moundridge.
 Godsey, Mabel, Emporia.
 Greenlee, Merrill, Emporia.
 Gunzelman, Dewey, Emporia.
 Hatcher, Mary, Emporia.
 Hinner, Avery T., Lawrence.
 Hinkley, Orpha R., Stark.
 Hoatson, Hilda, Emporia.
 Holforthy, Ella F., Neosho Rapids.
 Honn, Charlotte, Tola.
 Hoss, Frank, Holcomb.
 Hough, Nellie, Fostoria.
 Hull, Sadie, Matfield Green.
 Hyre, Myrtle, Emporia.
 Imthurn, Nellie E., Madison.
 Irwin, Jennie, Emporia.
 Jackson, Ruth O., Ness City.
 Jaquith, Gladys, Americus.
 Johnson, Challice, Phillipsburg.
 Johnson, Eva R., Phillipsburg.
 Jones, Chalmers, Kingfisher, Okla.
 Kelly, Lee, Elk City.
 Kendall, Gladys, Mound City.
 Kurt, John Julius, Kingman.
 Lapham, Walter, Emporia.
 Lineker, Nellie, Reading.
 Long, Gladys, Murdock.
 Kund, Tom, Alma.
 McConnell, Nellie E., Council Grove.
 McConnell, Edward, Council Grove.
 Matthew, David L., Fredonia.
 Maul, Charles, Kansas City, Kan.
 Maxfield, John W., Syracuse.
 Metcalfe, Edith, Emporia.
 Miller, Blanche, Hanston.
 Mooney, Fred W., Blue Mound.
 Moore, Ella, Halls Summit.
 Morrison, Eugenia, Canton.
 Mowbray, Luke, Conway.
 Murdock, Florence, Ness City.
 Nelson, Minnie, Allen.
 Nelson, Pearl, Vesper.
 Nelson, Robert R., Hoosier.
 Nichols, Jack O., Moline.
 Norris, Nellie, Liberal.
 Patten, Mary A., Emporia.
 Payne, Lulu B., Howard.
 Pickenpugh, Myrtle, Council Grove.
 Prophet, Nannie, Lawrence.
 Rogers, Edna, Emporia.
 Ross, Lester, Shields.
 Ross, Neva, Uneda.
 Scott, Rosalie, Council Grove.
 Seacat, Jessie, Bucklin.
 Secrest, Arthur, Hudson.
 Senger, Agnes K., Meade.
 Shaw, Everett, Emporia.
 Showalter, Oliver, Conway.
 Smyth, Ruby, Glasco.
 Speirs, William, Elk City.
 Spencer, Maude, Emporia.
 Stone, Ruby, Emporia.
 Stonebraker, Carl A., Emporia.
 Stout, Dale C., Emporia.
 Stout, Martha, Emporia.
 Strutzel, Clara M., Olpe.
 Thomas, Hattie G., Richmond.
 Thompson, Ferd, Dunlap.
 Thompson, Lucy, Dunlap.
 Trusler, Cecil, Emporia.
 Turner, Darrell, Emporia.
 Turner, Nola, Emporia.
 Van Cleave, Conn, Emporia.
 Van Voris, Rena, Emporia.
 Waterbury, Edwin, Emporia.
 Welch, Marion, Emporia.
 Whiteley, Ernest, Emporia.
 Williams, Orlesta, Hugoton.
 Wilson, David D., Emporia.

CORRESPONDENCE.

Agee, Frank, Gas.
 Allen, A. W., Atchison.
 Allen, E. Warren, Geneva.
 Allis, Verna, Eudora.
 Archer, Helen B., Centralia.
 Backstrom, Henry, Enid, Okla.
 Baird, Marie, Emporia.
 Baldwin, L. F., Lyons.
 Barnes, Bernice, Atchison.
 Barrett, Alpha, Olivet.
 Beltz, Harry, Bison.
 Benson, Minnie, Leavenworth.
 Bereman, W. E., Nickerson.
 Bidleman, Chester W., Greeley.
 Bittell, Pauline, Clifton.
 Blackneve, O. A., Cuba.
 Blair, Alma L., Netawaka.
 Boaz, James, Mapleton.
 Bracken, Zelda, Independence.
 Bradshaw, Clara B., Rosalia.
 Briggs, Mildred E., Utica.
 Bright, Ira J., Leavenworth.
 Buffon, E. W., Powhattan.
 Britton, Logan, Lyons.
 Brock, Edythe M., Nortonville.
 Brooks, Ruth K., Wilson.
 Brown, Lenna, Bucklin.
 Brown, Sara, Caldwell.
 Bunbury, Florence, Niles, Mich.
 Burnette, Emma, Topeka.
 Burnett, Mildred, Excelsior Springs, Mich.
 Burney, Carrie L., Jetmore.
 Burns, Leslie L., Emporia.
 Butts, Vena, Council Grove.
 Byler, Elizabeth, Newton.
 Cain, Anna, Beattie.
 Camp, Josephine, Bancroft.
 Carpenter, James M., Preston.

CORRESPONDENCE—Continued.

- Cartmel, Nettie B., Emporia.
 Coleman, Cora E., Plevna.
 Coleman, J. Sidney, Coeur d'Alene, Idaho.
 Coleman, Willis L., Overbrook.
 Cook, C. E., Furley.
 Cook, Gracia A., Salina.
 Correll, Effie, Americus.
 Cosand, Bernice, Courtland.
 Cowley, Hazel K., Downs.
 Cox, Emma J., Burns.
 Cox, Loren N., Greensburg.
 Crawford, Daisy, Topeka.
 Cross, Ethel, Florence.
 Crosswhite, Harry E., Parker.
 Culbertson, J. H., Welda.
 Curry, Nellie, Madison.
 Daniel, Anna, St. Francis.
 Davis, Nannie L., Clearwater.
 Day, Ida M., Hutchinson.
 De Voss, L. E., Emporia.
 Dickerman, Emma, Elk City.
 Dillon, Hiatt M., Lafontaine.
 Ditmars, Thos., Winfield.
 Dore, Catherine, Abilene.
 Doyle, Angela, Emporia.
 Drake, Henrietta L., Piedmont.
 Dumond, E. J., Garden City.
 Dunkelberger, John H., Burrton.
 Dwelle, Alice Louise, Russell.
 Eaton, Myrtle, Topeka.
 Edington, Louise, Burlingame.
 Evans, Florence E., Americus.
 Falkenrich, Ruth, Moline.
 Finch, Edith, Phillipsburg.
 Fink, Ira M., Lafontaine.
 Frame, Wm. F., Bayard.
 Froom, Clara, Vermillion.
 Froom, Esther, Vermilion.
 Funston, C. Edgar, Preston.
 Gay, Katie B., Augusta.
 Gepharte, Anna L., Neodesha.
 Gepharte, Jessie Z., Yates Center.
 Gilman, Pearl, Neosho Rapids.
 Gower, Frances, Tonapah, Nev.
 Hail, Ruth M., Humboldt.
 Halverson, Anna, Morganville.
 Hammel, Myrtle E., Palmer.
 Hardin, Ruth C., Dundee.
 Harris, Iva R., Manhattan.
 Harsh, Mareta, Emporia.
 Haury, Harry R., Hillsboro.
 Heinbaugh, Zelah, Parsons.
 Hawkins, Kathryn E., Emporia.
 Hawley, Clara, Hutchinson.
 Hemphill, Sue V., Clay Center.
 Hess, Kathleen, Hutchinson.
 Hill, Adele E., Chapman.
 Hill, Emza, Downs.
 Holland, Clara S., Kansas City.
 Homfeld, C. R., Ellsworth.
 Hoss, Frank, Holcomb.
 Hothan, Mary, Lyndon.
 Houseworth, L. Gertrude, Wichita.
 Hubbard, Edith, Osborne.
 Huenergardt, Irma, Durham.
 Hull, Mary L., Dalton.
 Hund, Minnie O., Fairview.
 Ingersoll, Elizabeth, Kirwin.
 Irwin, Clara M., Conway Springs.
 Irwin, Gayl, Geary, Okla.
 Jacques, Pauline, Buffville.
 James, Ivah, Xenia.
 Jarrett, R. R., Palmer.
 Jimmison, Brunetta, Stafford.
 Johnson, Addie V., Nara Visa, N. M.
 Johnston, Clara, Topeka.
 Jones, Catherine H., Emporia.
 Jones, Jesse E., Vassar.
 Kaiser, Laura, Hays.
 Kappelmann, G. Benjamin, Morganville.
 Karr, Mary, Elmo.
 Kendle, Ethel, Council Grove.
 Kendle, Doris, Dwight.
 King, Wesley T., Moline.
 Kissack, Ethel, Centralia.
 Kitchen, C. L., Fredonia.
 Kjellin, Alice M., Arkansas City.
 Knight, Thora B., Wissler.
 Knowles, Flo, Quincy.
 Kratochvil, Emil, Clay Center.
 Kropf, Irene, Chicago, Ill.
 Larson, Emil L., Benedict.
 Lawson, Mary F., El Reno, Okla.
 Lee, Hugh, Louisburg.
 Legitt, Roy, Wayne.
 Leichhardt, Nelle, Wichita.
 Leighty, R. Thos., La Harpe.
 Lindley, Ruth, Clafin.
 Lindsey, Marquis L., Coats.
 Locke, Erma, Phillipsburg.
 Lundholm, Mary, Osage City.
 Lynn, F. H., Neosho Rapids.
 McCall, Gretchen, Lawrence.
 McCasland, Lucile, Minneola.
 McClun, Blanche I., Mont Ida.
 McConnaughey, Edna, Quiney.
 McConnell, Marsee, Lafontaine.
 McConnell, W. W., Council Grove.
 McDowell, Ruth, Olpe.
 McIntire, Don H., Pratt.
 McLindoe, Mar- M., Williamsburg.
 McMorris, Grace, Hollenberg.
 McMwillen, Wm. M., Cedar.
 McNeil, Floyd, Beattie.
 Mackey, Jessie D., Cunningham.
 Macy, Rolland, Green.
 Maguire, Corinne, Coffeyville.
 Marshall, Luzena, Liberty.
 Mason, Cecile, Yates Center.
 Matchett, Mrs. Myrtle I., Garden City.
 Meek, Hazel, Centralia.
 Melvin, Lillian, Iola.
 Mendell, Ira S., Dighton.
 Messick, Jessie Lea, Lawrence.
 Meyer, Mamie, Linn.
 Meier, William, Rush Center.
 Menehan, Jno., Beattie.
 Menehan, Frank, Oketo.
 Miller, Fred L., Olivet.
 Mitchell, Nelle C., Wellington.
 Morrison, Frances, Coffeyville.
 Moyer, Bertha, Grenola.
 Mustoe, Roscoe, Cullison.
 Nanninga, Carrie, Winkler.
 New, George B., Lebanon, Ill.
 Norman, H. C., Deerfield.
 Oetinger, Edna, Kansas City.
 Officer, Ethel, Idaho Falls, Idaho.
 Osterhout, F. W., Brookville.
 Paterson, Elizabeth, Chanute.
 Patterson, John C., Haddam.
 Paulus, Lydia, Burrton.
 Perkins, Josie, Coffeyville.
 Perkins, S. O., La Crosse.
 Petrie, H. V., Hudson.
 Petty, Lenore C., Melvern.
 Pollard, Mrs. Rosella, Sedgwick.
 Poole, Hazle, Munden.
 Postma, R. A., St. Marvs.
 Powell, Helen Grace, Powhattan.
 Prather, Nelle, Ashland.
 Reardon, Elizabeth, Wa Keeney.
 Reeve, Juliet, Hugoton.
 Richardson, Effie L., Chanute.
 Riley, Le Roy, Nettleton.
 Ringburg, Myrtle, Lindsborg.
 Ridings, Ola M., Santa Fe.
 Robinson, Nellie, Florence.

CORRESPONDENCE—Continued.

Robinson, Arthur B., Norton.
 Rogers, Alice I., Emporia.
 Rogler, Emily, Cottonwood Falls.
 Romary, Ellison, Olivet.
 Ross, Irving D., Sedan.
 Ross, Lester W., Shields.
 Rowell, Margaret, Garden City.
 Russell, Edward, McPherson.
 St. John, C. E., Topeka.
 Samson, E. D., Quinter.
 Savage, Maude, Durham.
 Schmitt, Leila, Ellsworth.
 Scott, Minna M., Marysville.
 Scott, Myra, Hepler.
 Sexton, Lucile, Lewis.
 Sharp, Newton J., Lyons.
 Showers, Mary E., Burlingame.
 Shuey, Ethel M., Emporia.
 Shumate, Blanche, Newton.
 Simmonds, L. T., Cedar.
 Sloan, James C., Emporia.
 Smiley, Pearl, Havensville.
 Smith, C. O., Marysville.
 Smith, Gailord E., Emporia.
 Smith, Hart, Rosalia.
 Smith, Vesper W., Green.
 Spurgeon, Leona, Baldwin City.
 Stadel, George H., Topeka.
 Stark, W. O., Solomon.
 Starry, Ivil G., Louisburg.
 Stenger, Cassie B., Council Grove.
 Sterling, Minnie, Clay Center.
 Stewart, Augustine, Lawrence.
 Stewart, Mary M., Admire.
 Stine, Ella, Caney.
 Strawman, Mabel M., Stockton.
 Strutzel, Martha, Olpe.
 Sylvester, Ida, Wilmore.
 Terwilliger, Ina, Riley.
 Tilford, Roscoe C., Los Angeles, Cal.
 Tischhauser, Edna, Wilsey.
 Treadway, Florence, Liberal.
 Upshaw, Mary E., McPherson.
 Van Duser, Florence, Neodesha.
 Walters, Frank, Bancroft.
 Ward, Cora Voy, Minneola.
 Wasson, Lowell T., Hiawatha.
 Watts, Myrtle, Gridley.
 Whitaker, F. J., Corning.
 White, Alma E., Glen Elder.
 Whitton, Emma, S., Kiowa.
 Williams, Frank T., Higgins, Tex.
 Williams, Joyce R., Oklahoma City, Okla.
 Willig, Lucy M., Kiowa.
 Woods, Wm. P., Garden Plain.
 Wright, Julia M., Clay Center.
 Wright, M. O., Alta Vista.
 Young, O. R., Pleasanton.
 Zahm, Ischam M., Oneida.

UNCLASSIFIED.

Bacon, Winifred, Emporia.
 Bailey, Mary, Emporia.
 Baird, Martha, Marquette.
 Baird, Thelma, Wetmore.
 Becker, Myrtle, Emporia.
 Billings, LaVerne, Florence.
 Bixler, Harold A., Emporia.
 Buffington, Maude, Prairie View.
 Carroll, Katherine, Lindsborg.
 Craig, Laura, Stockton.
 Crain, Anna, Narka.
 Evans, Nellie, Emporia.
 Freund, Jessie, Republic.
 Glaze, Mrs. Hazel, Emporia.
 Graham, Helen, Winfield.
 Hadorn, Emma, Beattie.
 Howard, Harriet E., Yates Center.
 Johnson, Ida Lucretia, Goff.
 Jones, Irma, Hutchinson.
 Kirwin, Ida, Bendena.
 Lane, Miss A. E., Hobart, Okla.
 Longnecker, Don, Emporia.
 McCarty, Lewis N., Centerville.
 McClenaghan, Mary, Greeley.
 Meisner, Estella, Sabetha.
 Reeder, Corra, Ottawa.
 Robison, Frances M., Riley.
 Smith, Hart, Sabetha.
 Straight, Mary Elisabeth, Council Grove.
 Straight, Samuel G., Havana.
 Stain, Ethel A., Osage City.
 Stratton, Bertha M., Paxico.
 Thompson, Mabel, Conway Springs.
 Tidd, Mrs. George W., Emporia.
 Wells, George K., Emporia.
 Willig, Lucy M., Kiowa.

IRREGULAR.

Braasch, Mina Leota, Emporia.
 Hoover, Beatrice, Emporia.
 Markley, Bessie, Belle Plaine.
 Miller, Zoe, Washington.
 Newell, Mrs. Lois, Holton.

TRAINING SCHOOL.

289 pupils.

MUSIC.

Adams, Edna, Emporia.
 Allen, Gazelle, Hamilton.
 Anderson, Effie Corrinne, Emporia.
 Armstrong, Evelyn, Emporia.
 Barrett, Edwin, Emporia.
 Breneman, Sara, Emporia.
 Brigham, Rosalie, Council Grove.
 Brittain, Eva, White City.
 Bunge, Ruth M., Waverly.
 Burnap, Harry, Emporia.
 Burnap, Mary, Emporia.
 Burr, Marian, Emporia.
 Cannon, Mabel, Admire.
 Carroll, Lilia, Alma.
 Clark, Mrs. Bertha, Emporia.
 Clark, Marjorie, Emporia.
 Cooley, Hope, Emporia.
 Cooper, Beryl, Moran.
 Corbett, Winton, Emporia.
 Corren, Ira, Emporia.
 Culbertson, Eleanor, Emporia.
 DeVinney, Corrine, Barnard.
 Doty, Lucile, Emporia.
 Doty, Richard, Emporia.
 Drebert, Lynn, Emporia.
 Duncan, Alice, Emporia.
 Ferris, Katherine, Emporia.
 Fife, Marinta, Iola.
 French, Esther, Emporia.
 Fuller, Katherine, Emporia.
 Gilson, Marjorie, Emporia.
 Glasse, Maxine, Emporia.
 Gress, Ellen, Tonganoxie.
 Harness, Cleopatra, Emporia.

TRAINING SCHOOL—*Continued.*

Harris, Loy, Emporia.
Harris, Lucile, Emporia.
Haynes, Virginia, Emporia.
Henkle, Lydal, Emporia.
Herring, Kitten, Lost Springs.
Hill, Duryee, Emporia.
Hornish, Pearl, Woodston.
Huggins, Mary, Emporia.
Humphrey, Ida, Emporia.
Humphrey, Mary, Emporia.
Hunter, Adelaide, Emporia.
Jensen, Emma, Emporia.
Johnsmeyer, Nora E., Riley.
Keller, Margaret, Emporia.
Kittell, Muriel, Emporia.
Komarnicka, Anna, Chicago, Ill.
Leatherberry, Mrs. C. W., Emporia.
Lubey, Dorothea N., Emporia.
McLaughlin, Beatrice, Melvern.
McLaughlin, Otis, Melvern.
Major, Ruth, Medicine Lodge.
Marks, Mrs. A. W., Emporia.
Martin, Irene, Emporia.
Maxson, Perry, Emporia.
Miller, Gwladys E., Washington.
Mitchell, Christine, Emporia.
Mitchell, Margaret, Emporia.
Morre, Marie, Emporia.
Murphy, Marian, Emporia.
Murphy, Mary, Clearwater.
Murphy, Maye, Barnard.
Neighbors, Beatty, Emporia.
Officer, Ruth, Emporia.
O'Meara, Josephine, Council Grove.
Orr, Geneva, Reading.

Paden, Viola, Emporia.
Parker, Enid, Liberty.
Paxton, Susanna, Emporia.
Potts, Katherine, Emporia.
Prout, Margaret, Topeka.
Ray, Zella, Atlanta.
Richards, Florine, Emporia.
Richardson, Lillian, Emporia.
Rishel, Beth M., Emporia.
Samuel, Owen, Emporia.
Sellers, Mamie, Grenola.
Smith, Edna, Emporia.
Smock, Blanche, Moran.
Soden, Margaret, Emporia.
Sommer, Rev. Victor, Emporia.
Speer, Vering, Emporia.
Stark, Lexie, Lucas.
Starkey, Louise, Emporia.
Steele, Pearl, Oronoque.
Steinmetz, Esther, Emporia.
Steinmetz, Ruth, Emporia.
Steward, Mabel, Emporia.
Swell, Polly, Independence.
Todd, Elma, Caney.
Tressler, Bessie, Emporia.
Tressler, Helen, Emporia.
Triplett, Dorothy, Emporia.
Van Horn, Edna, Nortonville.
Vaughan, Beulah, Emporia.
Verdi, Caro, Emporia.
Ward, Vannie E., Emporia.
Whittemore, Bertha, Emporia.
Wiles, Riethel, Joplin, Mo.
Wilhite, Genevieve, Emporia.

SUMMARY OF ATTENDANCE.

COLLEGE.		Freshmen.....	
Graduate.....	57		149
Seniors.....	141	Training School.....	289
Juniors.....	219	Music.....	430
Sophomores.....	558	Unclassified and irregular.....	41
Freshmen.....	1,193	Extension.....	375
	2,168	Night School.....	100
			1,235
HIGH SCHOOL.		Total.....	4,033
Seniors.....	183	Repetitions in music.....	326
Juniors.....	166		
Sophomores.....	32	Grand total.....	3,707

KANSAS COUNTIES REPRESENTED.

The following-named counties—100 in all—were represented during the past year. As younger children make up the classes in the primary, intermediate and grammar grades of the Training School, the pupils listed there are largely from Emporia or from the immediate vicinity. Many pupils who are enrolled as if from Emporia or Lyon county belong to families who are residing here temporarily for the purpose of educating their children.

Allen.....	68	Grant.....	3	Osage.....	49
Anderson.....	29	Gray.....	5	Osborn.....	6
Atchison.....	12	Greeley.....	4	Ottawa.....	9
Barber.....	17	Greenwood.....	63	Pawnee.....	5
Barton.....	18	Hamilton.....	6	Phillips.....	14
Bourbon.....	11	Harper.....	17	Pottawatomie.....	25
Brown.....	29	Harvey.....	31	Pratt.....	8
Butler.....	42	Haskell.....	4	Rawlins.....	1
Chase.....	28	Hodgeman.....	4	Reno.....	52
Chautauqua.....	7	Jackson.....	22	Republic.....	19
Cherokee.....	5	Jefferson.....	35	Rice.....	11
Cheyenne.....	8	Jewell.....	14	Riley.....	11
Clark.....	4	Johnson.....	17	Rooks.....	10
Clay.....	28	Kearny.....	7	Rush.....	3
Cloud.....	25	Kingman.....	17	Russell.....	14
Coffey.....	40	Kiowa.....	7	Saline.....	33
Comanche.....	1	Labette.....	31	Scott.....	1
Cowley.....	33	Lane.....	12	Sedgwick.....	50
Crawford.....	12	Leavenworth.....	29	Seward.....	6
Decatur.....	2	Lincoln.....	21	Shawnee.....	63
Dickinson.....	40	Linn.....	36	Sherman.....	2
Doniphan.....	11	Lyon.....	1,027	Smith.....	24
Douglas.....	39	Marion.....	54	Stafford.....	21
Edwards.....	13	Marshall.....	63	Stanton.....	3
Elk.....	31	McPherson.....	44	Stevens.....	6
Ellis.....	1	Meade.....	9	Sumner.....	44
Ellsworth.....	7	Miami.....	26	Thomas.....	5
Finney.....	12	Mitchell.....	13	Trego.....	1
Ford.....	23	Montgomery.....	43	Wabaunsee.....	41
Franklin.....	40	Morris.....	50	Washington.....	31
Geary.....	9	Nemaha.....	34	Wilson.....	40
Gove.....	2	Neosho.....	37	Woodson.....	27
Graham.....	9	Ness.....	23	Wyandotte.....	35
		Norton.....	6		

FROM OUTSIDE OF KANSAS.

Arizona.....	1	Illinois.....	5	Oklahoma.....	31
Arkansas.....	2	Iowa.....	1	South Dakota.....	1
Colorado.....	2	Mississippi.....	1	Texas.....	1
Florida.....	1	Missouri.....	13	Wisconsin.....	2
Georgia.....	1	Nebraska.....	3	Japan.....	1
		Ohio.....	2		

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VOLUME VI.

NEW SERIES.

No. 2.

**KANSAS
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EMPORIA**

GENERAL CATALOGUE
1916-1917

WITH ANNOUNCEMENTS FOR 1917-1918

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CALENDAR.

1917

1918

JANUARY

JULY

JANUARY

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DECEMBER

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School Calendar, 1917-'18.

(The school year is made up of a summer term of eight weeks and two semesters of eighteen weeks each.)

1917.

May 25-26, Friday-Saturday.—Registration of students in residence for the Summer Term.
May 31, Thursday.—Opening of the Summer Term.
May 31, June 1, Thursday-Friday.—Registration of new students for the Summer Term.
June 22-23, Friday-Saturday.—County teachers' examination.
June 29-30, Friday-Saturday.—County teachers' examination.
July 4, Wednesday.—A holiday.
July 27-28, Friday-Saturday.—County teachers' examination.
July 27, Friday.—Close of Summer Term.
September 7-8, Friday-Saturday.—Registration of students for the First (September-January) Semester.
September 11, Tuesday.—Opening of First (September-January) Semester.
October 25-26, Friday-Saturday.—County teachers' examination.
November 29-30, Thursday-Friday.—Thanksgiving vacation.
December 21, Friday, 6 p. m.—Beginning of Christmas vacation.

1918.

January 2, Wednesday, 8 a. m.—Opening of school after the Christmas vacation.
January 25-26, Friday-Saturday.—County teachers' examination.
January 25, Friday.—Close of the First (September-January) Semester.
January 28, Monday.—Opening of Second (February-May) Semester.
February 15, Friday.—Founders' Day.
March 15, Friday, 8 p. m.—Latin play.
March 22, Friday, 8 p. m.—Normal Training High School play.
April 1, Monday.—Organization of new classes.
May 24-25, Friday-Saturday.—Registration of students in residence for the Summer Term.
April 12, Friday, 8 p. m.—German play.
May 25, Saturday, 8 p. m.—Commencement exercises of the Normal Training High School.
May 26, Sunday, 11 a. m.—Baccalaureate services.
May 27, Monday, 8 p. m.—Commencement play.
May 28, Tuesday, 3 p. m.—Alumni business meeting.
4 p. m.—Alumni reception.
May 29, Wednesday, 9:30 a. m.—Commencement exercises.
12 m.—Alumni dinner.
May 30, Thursday.—Opening of Summer Term.
May 30-31, Thursday-Friday.—Registration of new students for the Summer Term.

Officers of Instruction and Administration.

Faculty.

THOMAS WALTER BUTCHER, *President.*

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FRANK U. G. AGRELIUS, *Associate Professor of Biology.*

A. B., A. M., University of Kansas.

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A. B., University of Kansas; A. M., Columbia University; Chicago Kindergarten College; Graduate study, Teachers' College, Columbia University.

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WILLIS H. CAROTHERS, *Professor of Secondary Education and Principal of Normal Training High School.*

A. B., A. M., University of Kansas; Graduate study, University of Chicago.

HORACE M. CULTER, *Professor of Rural School Administration.*

A. B. in Education, Kansas State Normal School.

EXPLANATION OF REFERENCE MARKS.

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|--------------------------------|---|
| 1. Absent summer, 1916. | 11. Absent on leave, first half of second semester. |
| 2. Summer, 1916. | 12. Absent on leave, 1916-17. |
| 3. Began January 12, 1917. | 13. Resigned July 1, 1916. |
| 4. Began January 29, 1917. | 14. Resigned at close of Summer School. |
| 5. Began summer, 1916. | 15. Began November 20, 1916. |
| 6. Resigned January 29, 1917. | 16. Began December 1, 1916. |
| 7. Resigned November 15, 1916. | 17. Began November 22, 1916. |
| 8. Resigned January 27, 1917. | 18. Began September, 1916. |
| 9. Resigned January 1, 1917. | |
| 10. Resigned October 1, 1916. | |

LILLIAN M. DUDLEY, *Professor of Modern Languages.*

B. S. in Education, Kansas State Normal School; A. M., University of Chicago; Graduate study, University of Berlin.

JAMES CLARENCE DeVOSS, *Associate Professor of Psychology and Philosophy.*

A. B., A. M., University of Colorado.

GEORGE W. ELLIS, *Associate Professor of Mathematics.*

A. B., A. M., Hamilton College; Graduate study, University of Chicago.

FRANKLIN L. GILSON, *Professor of Public Speaking and Expression.*

Ph. B., Upper Iowa University; Cumnook School of Oratory; University of Chicago; Curry School of Expression.

EMMA L. GRIDLEY, *Professor of Drawing.*

A. B. in Education, Kansas State Normal School; Massachusetts Normal Art School; University of Chicago; Dow's Summer Art School; New York University.

ACHSAH MAY HARRIS, *Professor of Primary Education.*

A. B. in Education, Kansas State Normal School; Graduate study, University of Michigan; University of Chicago; Chicago School of Music; Columbia University.

W. L. HOLTZ, *Professor of Latin.*

A. B., Baker University; Graduate study, University of Chicago.

WILLIS H. KERR, *Librarian.*

A. B., Bellevue College, Nebraska; A. M., Columbia University; Graduate study, University of Edinburgh.

THEODORE LINDQUIST,¹ *Professor of Mathematics.*

A. B., Lombard College; M. S., Northwestern University; Ph. D., University of Chicago.

HERBERT G. LULL, *Director of Teacher Training.*

A. B., University of Michigan; A. M., University of Washington; Ph. D., University of California.

JAMES W. MAYBERRY, *Professor of Chemistry.*

A. B., A. M., University of Kansas.

WALTER S. MONROE,¹ *Professor of School Administration and Director of the Bureau of Educational Measurements and Standards.*

A. B., B. S., A. M., University of Missouri; Ph. D., University of Chicago.

WALTER E. MYER, *Associate Professor of American History and Government.*

A. B., Southwestern College; A. M., University of Chicago.

ANNABEL NEWTON, *Associate Professor of English.*

B. L., A. M., Ohio Wesleyan University; A. B., University of Michigan; Graduate study, University of Chicago and Oxford University.

L. A. PARKE, *Professor of Commerce.*

LL. B., University of Kansas.

CHARLES R. PHIPPS, *Professor of Agriculture.*

Eastern Illinois State Normal School; B. S., University of Illinois.

CARL W. SALSER, *Secretary of the Alumni Association, and Director of the Extension Division.*

A. B. in Education, Kansas State Normal School.

W. H. SINGULAR, *Bursar.*

Kansas State Normal School.

WALTER R. SMITH, *Professor of Sociology and Economics.*

Ph. B., Missouri Valley College; Ph. M., Ph. D., University of Chicago; Graduate study, Harvard University and Columbia University.

GEORGE W. TIDD, *Professor of Physics.*

B. S., Valparaiso University; M. S., Iowa State University.

NORMAN TRIPLETT, *Professor of Psychology and Philosophy.*

A. B., Illinois College; A. M., Indiana University; Ph. D., Clark University.

CLAIR K. TURNER, *Director of Physical Training for Men.*

A. B. in Education, Kansas State Normal School; Graduate study, Harvard University and University of Chicago.

IRENE WATSON, *Acting Head Department of Physical Training for Women.*

Sargent School for Physical Education; Chicago Normal School of Dancing.

FRANK W. WHITE, *Professor of Physiology and Hygiene.*

M. D., Tufts College; Graduate study, Harvard University School of Physical Education.

MARY ALICE WHITNEY, *Professor of American History and Government.*

A. B., University of Michigan; A. M., Columbia University; Graduate study, University of Chicago; Teachers' College, Columbia University.

PELAGIUS WILLIAMS, *Professor of European History.*

A. B., College of Emporia; A. M., University of Chicago; Graduate study, Columbia University.

LYMAN C. WOOSTER, *Professor of Zoölogy and Geology.*

Ph. D., Milton College; Washington State Normal School; Beloit College; Graduate study, Yale University and University of Chicago.

VIDA L. ASKEW, *Instructor in English.*

A. B., A. M., Oberlin College.

GEORGE R. BABB, *Instructor in Physical Training for Men.*

A. B., University of Kansas; Harvard University School of Physical Education.

MARCIA BAILEY,² *Instructor in Piano.*

Milton Mount College, England; Royal Academy of Music, London.

ADA BAUM,³ *Instructor in Piano.*

Studied with Allen Spencer, American Conservatory.

JANE M. BERRY,⁴ *Instructor in American History.*

A. M., Columbia University; Ph. D., University of Chicago.

FLORENCE G. BILLIG, *Supervising Teacher of Science in the Elementary Training School.*

* B. S., University of Chicago.

ANNA BINGHAM, *Assistant Instructor in Kindergarten Department.*

Kansas State Normal School; Columbia University.

FLORENCE EUDORA BISHOP,² *Instructor in Drawing.*

B. L., Ohio Wesleyan University; Prang Summer School; Teachers' College, Columbia University; Delecluse Academy, Paris.

FRANK L. BLACK, *Instructor in Latin in the Normal Training High School.*

A. B., Christian University; A. M., University of Chicago.

ROSALIE BRIGHAM, *Instructor in Piano.*

Music Department, Kansas State Normal School; pupil of Rudolph Reuter, Chicago.

ANNA HELEN BROGAN, *Instructor in History in the Normal Training High School.*

A. B. in Education, Kansas State Normal School; Graduate study, University of Wisconsin and University of Chicago.

HORTENSE BROOKOVER, *Instructor in German in the Normal Training High School.*

A. B., University of Kansas; A. M., Columbia University; Graduate study, Universities of Chicago, Colorado and Berlin.

HUGH ROLAND BROWER,² *Instructor in English.*

A. B., Wabash College; A. M., Columbia University.

BAKER BROWNELL,¹ *Instructor in English and Editor of "Teaching."*

A. B., Northwestern University; A. M., Harvard University; Graduate study, Teubingen University and Cambridge University.

A. T. CHAPIN,² *Instructor in Latin.*

A. B., Denison University; Graduate study, University of Pennsylvania.

JOHN PAYSON DRAKE, *Instructor in Physics.*

A. B., A. M., Wesleyan University (Conn.); Graduate study, University of Chicago and University of Wisconsin.

DANETTA M. ECKDALL,¹ *Instructor in Drawing.*

School of Design, Pittsburg, Pa.; Art Students' League, William Chase School of Art, N. Y.; Chautauqua Arts and Crafts Summer School; Atkinson Mentzer Summer School, Chicago; Academy of Fine Arts, Chicago.

GERTRUDE GAMBLE,⁵ *Instructor in Public-school Music.*

Ohio Wesleyan University; Columbia School of Music; National Summer School and Thomas Normal Training School.

JOHN GILBERT,² *Instructor in Manual Training.*

A. B. in Education, Kansas State Normal School; Graduate Stout Institute.

MAUDE A. GOODWIN,² *Instructor in Drawing.*

State Normal School, Kearney, Nebraska; Art Institute, Chicago.

JOHNIE MAY GRAVES, *Assistant Instructor, Primary Department in the Training School.*

Kansas State Normal School.

LELIA GUENTHER,² *Instructor in Department of Physical Training for Women.*

Indianapolis Normal School.

MAGDALENE HAHN,² *Instructor in Home Economics.*

A. B., University of Nebraska; A. M., Columbia University.

NORA HALL,⁵ *Instructor in Drawing.*

B. S. in Education, Kansas State Normal School.

LENA HANSEN, *Instructor in Mathematics in the Normal Training High School.*

A. B., University of Michigan.

HOMER WOODSON HARGISS, *Athletic Coach.*

Kansas State Normal School; College of Emporia; Harvard University of Physical Education.

EVALINE HARTLEY, *Instructor in Voice.*

Studied with Edward Oxenford, Ashford, England; E. Geneve Lichtenwalter, Kansas City, Mo.; Lucy P. Wiggin; Jennie Schultz; Frederick E. Bristol, N. Y.

GLADYS HAWKINS, *Instructor in Piano.*

Potsdam State Normal School, New York; Leschetzky Master School, Vienna.

FRANCES L. HICKOK,⁶ *Instructor in English and Public Speaking.*

A. B., University of Michigan.

FLORENCE HOBART,⁷ *Instructor in Piano.*

University of Kansas; Conservatory of Music, Kansas City, Mo.

MARY GRACE HOLMES,⁸ *Instructor in English in the Normal Training High School.*

A. B., University of Michigan; Graduate study, University of Chicago.

IRENE HOWAT,⁵ *Instructor in Physiology and Hygiene.*

A. B., A. M., University of Kansas.

ELDA ILLICK, *Instructor in English.*

A. B., Knox College; A. M., University of Chicago.

RHETA ISAACS,⁹ *Instructor in Piano.*

Certificate from Klindworth-Scharwenka Conservatory, Berlin, Germany; Prof. T. Leschetzky, Vienna; Prof. X. Scharwenka, Berlin, Germany; Prof. Louis Oesterle, New York City.

BERNICE ELLEN JOHNSON,¹ *Instructor in Physical Training for Women.*

Sargent School of Physical Education; Milwaukee-Downer College; Children's Hospital, Boston; University of California.

JOSEPHINE JONES,¹ *Instructor in Voice.*

Graduate of Music Department, Northwestern University.

HARRISON M. KARR,¹ *Instructor in English and Public Speaking.*

A. B., Albion College; A. M., University of Michigan.

GEORGE KEENAN, *Instructor in Violin.*

Graduate of Brussels Conservatory.

WILLIAM HEBER KELLER, *Instructor in Mathematics.*

A. B. in Education, Kansas State Normal School; Graduate study, University of Chicago.

GEORGE STARR LASHER,¹⁰ *Instructor in English.*

A. B., University of Michigan.

J. HAMILTON LAWRENCE,² *Instructor in English.*

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A. B., Cornell University.

ELIZABETH MCCONKEY,² *Instructor in German.*

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B. S. in Education, Kansas State Normal School; Sargent School of Physical Education.

MAUDE MCDANIEL, *Instructor in English in the Normal Training High School.*

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James Millikin University.

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B. S., M. S., Tufts College; Graduate study, University of Chicago.

MAUDE MINROW,¹¹ *Instructor in History in the Normal Training High School.*

A. B. in Education, Kansas State Normal School; Graduate study, University of Chicago and Columbia University.

KATHERINE MORRISON,¹² *Instructor in Drawing.*

B. S. in Education, Kansas State Normal School; Graduate study, Columbia University.

HARRY MURRISON, *Instructor in Voice.*

Studied with Max Heinrich, Ellison Van Hoose, F. Wallace Pike, Wilson G. Smith, Cleveland.

MRS. MABEL MURRISON, *Instructor in Piano.***CHARLES ERNEST PARKE**,¹³ *Instructor in Public School Music.*

M. B., Columbia School of Music.

HARRIET T. PRUTSMAN,¹⁸ *Instructor in Piano.*

A. B., Smith College.

MYRTLE RICE,² *Instructor in Voice.*

Graduate of Music Department, Kansas State Normal School.

R. W. ROBERTSON,⁴ *Instructor in Manual Training.*

B. S. in Education, Kansas State Normal School; Graduate study, University of California.

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A. B. in Education, Kansas State Normal School; A. M., Teachers' College, Columbia University.

MELVIN P. ROSKE,¹⁸ *Instructor in Agriculture.*

B. S., University of Wisconsin.

EDNA SAWYER, *Instructor in Home Economics.*

B. S., Lewis Institute.

D. S. SKOGLUND,¹ *Instructor in Commerce.*

A. B. in Education, Kansas State Normal School.

BABETTA STADLER,¹ *Instructor in Modern Languages.*

A. B., Washburn College; A. M., University of Kansas; Graduate study, University of Chicago.

E. ANNA STONE, *Instructor in Piano.*

College of Music, Cincinnati; Kansas State Normal School; pupil of Mrs. Crosby Adams, Chicago; pupil of Mrs. Carrie Louise Dunning, New York.

VERA STONE,² *Instructor in Drawing.*

Kansas State Normal School; Chicago Art Institute.

CATHERINE STROUSE, *Instructor in Public School Music.*

Minnesota State Normal School, Winona; Thomas Training School, Detroit; National Summer School, Chicago.

HELEN H. TAYLOR,⁵ *Instructor in Physical Training for Women.*

Sargent School of Physical Education.

GRACE TEAR,¹⁴ *Supervising Teacher of Literature in the Elementary Training School.*

A. B., Fairmount; A. M., Columbia University.

BLANCHE TOMLIN,² *Instructor in Physical Training for Women.*

Sargent School of Physical Education.

W. A. VANVORIS, *Instructor in Science.*

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DOROTHY VESTAL, *Instructor in Physical Training for Women.*

Sargent School of Physical Education.

JESSIE BYERS WALTON, *Assistant in Elementary Training School.*
Baker University; University of Chicago.

GEORGE K. WELLS, *Instructor in Manual Training.*
Stout Institute; Lewis Institute; University of Chicago.

ALICE WHITNEY,⁴ *Instructor in Home Economics.*
B. S., University of Wisconsin.

JENNIE WILLIAMS,¹ *Supervising Teacher of Geography in Elementary Training School.*
A. B. in Education, Kansas State Normal School; Graduate study, Columbia University.

MURIEL WILLIAMS,² *Instructor in Home Economics.*
A. B. in Education, Kansas State Normal School.

JOE H. WILSON,¹⁵ *Supervising Teacher of English in the Elementary Training School.*
A. B., University of Michigan.

AVICE R. WRIGHT, *Instructor in Mathematics, and Supervising Teacher of Mathematics in the Elementary Training School.*
A. B., Ed. B., University of North Dakota.

RUTH WOOSTER,⁵ *Instructor in Drawing.*
A. B. in Education, Kansas State Normal School; New York School of Fine and Applied Arts.

Officers of Administration.

THOMAS WALTER BUTCHER, A. B., A. M., *President.*

NORMAN TRIPLETT, Ph. D., *Acting Dean.*

MARY ALICE WHITNEY, A. B., A. M., *Adviser of Women.*

WILLIS H. CAROTHERS, A. B., A. M., *Principal of the Normal Training High School.*

HERBERT G. LULL,⁵ A. B., A. M., Ph. D., *Director of Teacher Training.*

WILLIAM SHELTON BIXLER, B. S., Ph. M., *Registrar.*

CARL E. DENT, *Secretary Correspondence-study Department.*

MARY E. EDWARDS, *Secretary to Appointment Bureau.*

HARRIET ELCOCK, *Library Assistant.*

ESTHER S. FRENCH,⁵ *Office Assistant.*

KATHERINE FULLER, *Office Assistant.*

GRACE FUNK, *Library Assistant.*

MARGARET HESS,⁵ *Young Women's Christian Association Secretary.*
Ph. B., University of Chicago; National Training School of Young Women's Christian Association.

BEATRICE HOOVER,¹⁶ *Secretary of the President.*

FAYE HUFFMAN, *Library Assistant, School Department.*

WILLIS H. KERR, A. B., A. M., *Librarian.*

AGNES KING, *Library Assistant, School Department.*
A. B., Beuna Vista College; A. M., University of Iowa.

IDA KINLUND, *Nurse.*

Graduate University of Kansas Hospital, Rosedale.

MARY P. KIRTLAN,² *Nurse.*

GRACE M. LEAF, *Reference Librarian.*

Kansas State Normal School; Simmons College, Boston; Wisconsin University.

ESTHER MCKELVEY, *Assistant in Library.*

A. B., University of Kansas.

LUCILE OWEN, *Record Clerk.*

A. B. in Education, Kansas State Normal School.

CORA PARKER, *Library Assistant.*

A. B. in Education, Kansas State Normal School.

HARRIET PRIEST,⁹ *Secretary to the President.*

CARL W. SALSER, *Secretary of the Alumni Association and Director of the Extension Division.*

A. B. in Education.

ELIZABETH GERTRUDE SCHORK, *Library Secretary.*

MAUDE E. SHORE, *Library Assistant and Head of Circulation Department.*

ETHEL STEPHENS, *Library Assistant.*

A. B., Baker University.

W. H. SINGULAR, *Bursar.*

Kansas State Normal School.

MABEL WARE,¹⁷ *Secretary Bursar's Office.*

VIRGINIA WILSON,⁵ *Secretary Registrar's Office.*

GENERAL INFORMATION.

HISTORICAL.

The State Normal School of Kansas was located at Emporia by act of the legislature passed in February, 1863; the legislature of 1864 provided for the appointment of a Board of Regents and the organization of the School, and the first appropriation bill, \$1000, for the salaries of teachers was approved February 29, 1864. The School opened its doors to students and began regular work in the upper room of a school building owned by the city of Emporia, February 15, 1865, with one teacher, L. B. Kellogg, and eighteen students. The first building for the use of the School erected by the state was dedicated January 2, 1867; the first graduating class, consisting of two young women, was the class of 1867. Since that time the School has graduated more than 3250 young men and women, and numbered probably 25,000 among its undergraduate students. Almost the entire number of these have engaged for a longer or shorter time in teaching in the schools of Kansas and of other states, and the influence of the School has been a positive and powerful factor in the educational life of the state during all the fifty years of its history. By the legislature of 1901 the Normal School at Hays, and by the legislature of 1903 the Normal School at Pittsburg, were established as auxiliary to the State Normal School at Emporia, and designated, respectively, "The Western Branch State Normal School" and "The Manual Training Auxiliary." By act of the legislature of 1913 the management of these schools was placed in the hands of a Board of Educational Administration. By authority of the same act the Normal School at Hays was re-organized as the Fort Hays Normal School and the Normal School at Pittsburg as the State Manual Training Normal School.

PURPOSE.

The act organizing the School and locating it permanently at Emporia provided that its exclusive purpose should be "the instruction of persons, both male and female, in the art of teaching," and designated in general terms such branches of instruction as were then recognized as necessary for the accomplishment of that end. The School throughout its history has been conducted in the spirit of its foundation and with specific reference to its function of preparing teachers for the public schools of the state. The field of the Normal School as an essential part of the school system of the state implies a recognition of the principles that proficiency in the art of teaching is dependent upon thorough knowledge of the fundamental principles of the science of teaching, that this knowledge should be both historical and philosophical, and that clear conceptions of methods can most readily be attained by an intelligent study of them in

practical operation. The Normal Schools of the state, then, organized into one system, assume as their field specifically the professional function. The place and value of every subject in the course of study is determined by its relations to this end, the method of approach to every subject of instruction has the teaching purpose practically in view, and in every way the Normal School seeks to develop a distinctive teaching atmosphere, to foster the best expression of the teaching spirit, and to set the highest standards for teaching preparation. To fulfill its mission adequately, and to meet the legitimate demands made upon it, the Normal School recognizes that it must touch every phase of public-school life in the state, must lay the foundations of broad and thorough scholarship and professional training for every grade of school work, and must seek to be a progressive center of educational thought and a disseminator of the best teaching ideals to the schools of every community.

LOCATION.

Emporia, the home of the State Normal School, is a city of approximately 10,000 inhabitants, situated between the Neosho and Cottonwood rivers, in a beautiful and healthful location, easily accessible from all parts of the state. Its railroads are the main line and three branches of the Atchison, Topeka & Santa Fe Railway, and the Neosho branch of the Missouri, Kansas & Texas. Emporia combines ideally the characteristics of a model school town. It is a substantial business city in the center of a prosperous agricultural community. Its well-kept lawns, its commodious and comfortable homes, its public buildings, and its numerous schools and churches are external evidence of the spirit of the community; it has also been known as one of the most attractive residence and home cities of the West. It is often designated as a city of schools and churches, and the educational and moral tone of the community is wholesome and helpful in the highest degree. Students find a cordial welcome to their church homes in the various places of worship in the city, and they have no difficulty in finding places for room and board with congenial surroundings where the moral safeguards are the very best. Many families in the city are particularly identified with the life of the School because they have been especially attracted to Emporia as a place of residence by its educational opportunities.

BUILDINGS, GROUNDS AND EQUIPMENT.

The Normal School grounds are located immediately adjacent to the city at the north end of Commercial street, the leading business street of Emporia. The original campus of twenty acres has been enlarged by successive purchases so that it now includes about thirty-five acres, including one of the most satisfactory and best equipped athletic fields in the state. The group of buildings includes:

PRESTON B. PLUMB MEMORIAL HALL.

The new administration and main recitation building is in course of construction and will be ready for use in 1917. The legislature of 1915 appropriated \$175,000 for this building. The building is T-shaped, with

the broad arm in front, facing the head of Commercial street, three hundred feet directly north of the old main building, which later will be removed. The dimensions are as follows: Main wing, 268 feet front, 82 feet side; rear wing (auditorium), 96 feet front, 113 feet deep. The materials are brick and stone, with reinforced concrete floors throughout the four stories. The building provides eighty-five class and office rooms, three rest rooms, two check rooms, and the auditorium. The auditorium is entered from the main-floor rotunda, and seats 2750 people; it is provided with ample stage and orchestra facilities.

THE MAIN BUILDING.

The central portion was built originally in 1880, but enlarged by the addition of a wing on the west in 1887, and on the east in 1895. In the east wing is the auditorium known as "Albert Taylor Hall." The entire building is devoted to the purpose of administration and instruction, is about 300 feet long, and contains 80 rooms, exclusive of closets and wardrobes. It is heated by steam, has a complete system of motor ventilation, is supplied with water, gas and electric light; in short, is fully equipped with whatever is necessary for the work of instruction.

THE KELLOGG LIBRARY.

Named in honor of Lyman Beecher Kellogg, first president of the school. It was completed in 1903; an attractive building in exterior and interior. In arrangement and equipment it is well adapted to the purposes of a modern educational library. On the first floor are the young people's department, library science department, an educational document room, and lecture room. On the second or main floor are the reading room, reference department, the loan desk, the stacks, the cataloguing rooms, and the librarian's office.

THE TRAINING SCHOOL BUILDING.

Completed in 1905. It is arranged especially for practice teaching, and contains accommodations for the kindergarten and the eight grades of the common schools. It has a good equipment, with playroom, manual training, kindergarten, kitchen, and ample playgrounds. It is notable for its good light and ample ventilation. Valuable and appropriate pictures are on the walls. Its equipment is being added to from year to year.

THE NORTON SCIENCE HALL.

The building was named, by authority of the Regents, "The Norton Science Hall," in honor of Henry B. Norton, first teacher of natural science in the School and associate principal under L. B. Kellogg. Modern laboratories and lecture rooms, equipped with the best scientific apparatus, are provided for the science work. The museum is rich in specimens illustrating the various lines of biological science.

GYMNASIUM AND ATHLETIC FIELD.

The gymnasium is one of the very best in the Middle West. It is in every respect modern, and is designated exclusively for the Depart-

ment of Physical Education. The basement is almost entirely above ground, allowing plenty of light and direct ventilation. It is equipped with dressing rooms, steel lockers, shower baths and a swimming pool. The first floor, which is 185 by 66 feet in size, is divided by a rolling partition into two gymnasiums. One of these rooms is fitted for basket ball, baseball and other indoor games. The second floor has an exercise room equipped with all modern gymnastic apparatus. The especially attractive feature of the building is the large basket-ball and exhibition room, which, with its visitors' gallery, provides ample room for two thousand spectators. Adjoining the gymnasium is what is conceded to be the best athletic field in the state. This field, which is thoroughly tiled and drained, is provided with a quarter-mile cinder running track, with a 220-yard straightaway. It also has two football gridirons, three baseball diamonds, and nine tennis courts. Adjoining this field is a children's playground and a well-kept space for girls' athletic sports. The size and excellent equipment of the gymnasium, together with the variety of outdoor athletic possibilities and the large staff of expert teachers and coaches, prepares the Normal to more fully train teachers for the athletic and playground work required of teachers than any other school in the West.

MUSIC HALL.

Directly east of the Main Building. The building contains private studios for the instructors in instrumental and violin music, recitation rooms for classes in theory and harmony, and an office. It is well lighted by electricity, and furnishes very comfortable and convenient accommodations for the work of music.

THE EMERGENCY HOSPITAL.

Provided with equipment necessary for the care of the students who are ill. A trained nurse is in charge of the hospital. A small fee is required of all students for meeting the expenses of the nurse. The plan of caring for sick students has proved very effective. Precautionary and preventive measures have checked epidemics and conserved health.

THE HEATING PLANT.

Situated in the rear of the other buildings. It is equipped with a modern boiler and engine which furnish heat for all the buildings.

ADMISSION AND REGISTRATION.

NEW STUDENTS. Before coming to the State Normal School, prospective students should in all cases submit credits by the dates indicated below in order that they may make sure of admission to high-school courses, to college courses, or that the work submitted for credit will apply on the requirements for the certificate or diploma desired. The following paragraphs concerning admission should be read carefully. Careful attention in advance to these details often saves disappointment later.

Persons who completed the work of the common schools are admitted to the Normal Training High School.

The requirements for admission of graduates of Kansas high schools to the Kansas State Normal School have been fixed by legislative enactment, which by section 9, senate bill No. 66, session of 1915, provides that:

"Any person who shall complete a four-year course of study in any high school accredited by the State Board of Education shall be entitled to admission to the freshman class of the State University, the State Agricultural College, or any of the state normal schools, on presenting a statement containing a transcript of his high-school record signed by the principal of the school and certifying that such person has satisfactorily completed said course of study."

HIGH-SCHOOL CREDITS. Persons who have done any high-school work should bring certified transcripts of record. These should show the number of recitations or laboratory hours per week for each course, the length of these hours, the number of weeks given to each course, and the final grade for each course completed. The total time spent in high school should be indicated. *Monthly or yearly report cards and diplomas* should not be presented. Write the Registrar for blanks for this purpose. Transcripts of record should be sent to the Registrar by May 15 if the student wishes to enter school for the Summer Term. Persons desiring to establish high-school credit by examination should call on, or write, Principal Willis H. Carothers of the Normal Training High School.

COLLEGE CREDITS. Persons who have done college work for which they wish credit should send the Registrar a certified transcript of record by May 15 if the student wishes to enter for the Summer Term. This should show the name of each course taken, the number of recitation or laboratory hours per week, the length of these hours, the number of weeks given to each course, the final grade, and the total time spent in the institution where the work was done. For statement governing the giving of college credit for work done elsewhere, see Index.

UNCLASSIFIED STUDENTS. Persons who are high-school graduates and who are not candidates for any certificate nor diploma may register in college courses as *unclassified students*, if twenty-one years of age, if they had three years of successful teaching experience in the lines of work they wish to take up, and if they present to the Adviser a written recommendation from the head of each department in which they wish to work. Such students should ask the Registrar for an application card for this purpose. Unclassified students are subject to the same regulations as are other students governing number of hours of work, of hours of preparation, of classroom or laboratory work, examinations and physical training practice courses. Should they prove unable, after admission, to carry the work they have undertaken, they will be required to drop back into lower classes. Unclassified students are entitled to a statement of attendance or of work completed.

REGISTRATION.

Students in attendance the second semester and who intend to remain in school for the Summer Term will register Friday or Saturday May 25 and 26. A fee of \$1 will be charged for late registration, unless

valid reason can be shown for not registering on one of these days. New students will register on Thursday or Friday, June 1 and 2. The late registration fee will be imposed on new students after June 4. The work of registration of students is done in the Gymnasium, the east half of the second floor being given to the work of high-school students and the west half of the second floor to college students.

NEW STUDENTS. Those entering for the first time will present themselves at the desk placarded *New Students*.

FORMER STUDENTS desiring a statement of work done before making up their programs should apply at the Registrar's office, Room 42, Main Building.

ASSIGNMENT CARD. College students are required to secure from the head of each department in which they wish to work an assignment card for the course they wish to take in that department. This insures a place in the class and prevents overcrowding in classrooms.

REGISTRATION CARD. High-school students will secure a registration card from Principal Carothers. All students of college rank will secure a registration card from Dean Triplett, by whom they will be assigned to an adviser. College students who are interested in a special line of work should ask to be assigned to the head of that department as adviser, and at successive registration times should take courses under the same adviser's direction.

The further directions printed at the top of the registration card should be read carefully and followed.

PHYSICAL TRAINING PRACTICE is required of all high-school students and of college freshmen and sophomores. There are no specific requirements except in the case of students working for the Special Certificate, and in the case of those majoring in this subject. Students who are excused from physical-training practice courses will be required to take work in physical-training theory courses giving an equal amount of credit.

CHANGES. A student having registered for any course, or courses, is a member of such classes until changes are properly made. Credit will not be recorded except in accordance with the student's registration.

A student who wishes to take any other course, or courses, than those first selected must present to the Registrar, within one week after the first meeting of the class or classes to which he wishes to be transferred, the student's card on which he first indicated his choice of courses, no change, erasure or addition having been made in the program as first made up, and without recommendation of his adviser. *High-school students* will first present this card to Principal Carothers, then to the Registrar.

Students are not permitted to take up other work except in the way described.

Failure will be entered on the permanent record in the case of students who have left a class after two weeks from the first meeting and who have been negligent in asking for a change in registration.

AMOUNT OF WORK. High-school students are not permitted to register in more than four courses. In some cases mature persons with teaching experience may carry five courses. College students are not permitted to register for work giving less than eight hours credit, not including credit for one-half hour of physical-training practice, or without permission of the Committee on Extra Hours to register for work giving more than sixteen hours credit, not including credit for one-half hour of physical-training practice. Application blanks for extra hours may be had of the chairman of the Extra Hours Committee. They should be filed with the committee within the time indicated for registration.

VISITORS. Occasional visitors in classroom or laboratory work are, of course, welcome, but all persons who wish to be visitors any length of time beyond a few days must register whether credit is desired or not.

EMPORIA ADDRESS. A student should indicate his Emporia address as well as his telephone number on his card at the time of registration. Failure on the part of the student to do this makes impossible the delivery of telegrams, telephone calls, letters, etc. It is of frequent occurrence that friends and relatives of a student call to see him, but the failure on the part of the student to indicate his Emporia address or telephone number on his registration card makes it difficult to find him. It is equally important that students, immediately upon reaching Emporia, send the Emporia post office both their home address and their Emporia address. Ask the mail carrier for a card for this purpose.

IRREGULAR STUDENTS. The student is irregular who takes courses more than one semester in advance of his classification or who takes more than one course in any department, except as it can be shown that such choice of courses is conforming to the required course of study. Students who are irregular in either of these ways pay fees as indicated below. This regulation will not be construed so as to deny any person who is, for example, a junior college student taking any course classified as junior college, provided he has done the work of prerequisite courses. The high-school student will be regarded as irregular and subject to the payment of this fee if he enters a college course to which his classification does not entitle him. The fact that he has met all prerequisites for this course does not in itself entitle him to the college course. Such student should no doubt take high-school courses in some other line or lines of work.

ABSENCE AND TARDINESS. Students should consult the Handbook for this information.

FEEES.

All fees must be paid at the time of registration, or an arrangement made with the Bursar for payment before any person is entitled to admission to classes or to other student privileges. Fees will not be refunded except in case of withdrawal within one week after the opening of the term. See Special Laboratory fee.

LATE REGISTRATION. A considerable amount of extra work and a great deal of confusion is caused by the neglect of students to register at the time set for that purpose, and a fee of \$1 will be charged those

who register out of time, unless they present a good excuse for their delay.

A STUDENT ACTIVITY FEE of \$2.50 each semester and \$1 for the Summer School is charged each student. This admits the students to all athletic contests, all numbers on the lecture course, debates, moving pictures, etc. It also gives the privilege of playing tennis and all other sports.

INCIDENTAL. Each student will pay a fee of \$2.50 for the summer term and \$3 per semester for general materials and reagents used in class work and for the wear and tear on the equipment in the laboratories, libraries, gymnasiums, etc.

SPECIAL LABORATORY. Students taking work in the sciences, manual training, home economics and other courses where laboratory work is required pay for the materials used. In case of withdrawal of students the unused portion of this fee will be refunded, the head of the department determining the amount due the student.

HOSPITAL. Each school year, or fraction thereof, all students in college and high-school work pay \$1 per year, to be used as a fund for the care of the sick. A fuller statement appears below.

TYPEWRITER FEE. A fee of \$4 will be charged for the use of the typewriter by students in this subject.

MUSIC. For fees in Music Department, see under that head.

EXPRESSION. Private instruction, eighteen lessons, \$15.

COMMERCIAL STUDENTS. Students who take only the commercial Courses are classified as irregular, and are held for the payment of irregular fees.

LIBRARY SCIENCE COURSES. Students who take only library science courses are classified as irregular, and are held for the payment of irregular fees. These are indicated under that head.

NONRESIDENTS. Nonresident students pay a fee of \$10 for the semester in addition to other fees. This applies to students who have not been living in Kansas for six months prior to registration.

CORRESPONDENCE WORK. Students taking work by correspondence pay fees indicated in special correspondence circular.

EXAMINATION. Students taking special examinations pay a fee of \$1 for each examination taken. Students regularly registered pay the regular examination fee of \$1 for the privilege of taking the county examination under the supervision of the State Normal School.

IRREGULAR FEES. Irregular in one course, \$4. See paragraph, Irregular Students.

WITHDRAWAL.

The student who wishes to withdraw from School should apply to the Registrar for a note of dismissal. Honorable dismissal will not be given to any student who is not doing passing work, nor to the student who withdraws without permission. By strict attention to securing proper dismissal students will be able to protect their records. This will be found to be of advantage whether students resume their work here or transfer to another institution, where honorable dismissal is usually a

necessary part of a student's transcript of record from the school he has attended. For information concerning fees in case of withdrawal see under head of "Fees."

STATEMENT OF ATTENDANCE.

A statement of attendance is often required of students by superintendents or boards of education. Any person desiring such statement should apply at the Registrar's office before the date of leaving school. It is difficult, if not impossible, to determine after the close of the semester the exact number of weeks of attendance.

BOARD AND ROOMS.

Board in clubs costs from \$4 to \$4.50 per week. Those who board themselves reduce the cost about one-half. Coöperative boarding clubs, \$2 to \$2.75 per week.

Rooms, unfurnished, \$3 to \$5 per month; furnished, \$5 to \$10 per month, for two students in room, according to size and convenience.

It is not necessary for students to engage rooms before they come to Emporia. It is always more satisfactory for them to see what they are engaging before they make definite arrangements.

A faculty committee has direct supervision of the rooming-house facilities. All rooms offered for student use are carefully inspected, and a record made of the conveniences offered, and also of the hygienic conditions, both inside and outside the house, which might have a bearing upon the student's health. The location and the price asked for each room are carefully tabulated, and lists of approved rooms are placed at the disposal of all students immediately on their arrival in Emporia. The lists of girls' rooming houses may be found in the office of the Dean of Women, and the lists of boys' rooming houses will be found in the Young Men's Christian Association office. A standing rule of the Normal School requires boys and girls to room in separate houses. Rooms should not be selected which are not found on these approved lists, as the committee has full power to require a student to move from a location which does not come up to every reasonable requirement of the School. This committee also occasionally visits the boarding clubs in order that they may keep in touch with the general conditions under which food is furnished to the student. Students should report all complaints in regard to accommodations, unsanitary conditions, or contagious disease in the student body to Dr. White.

Every student renting a room should sign an agreement with the landlady covering points about which there is a possibility of a misunderstanding.

A change of rooming place must not be made by any young woman without the permission of Miss Whitney, Dean of Women.

Students should plan to be in Emporia at least two days before school opens, in order to get the best accommodations. Students desiring to do some work during their school year should write to the Y. W. C. A. or

the Y. M. C. A. several days before school opens, stating the kind of work desired.

EMPLOYMENT FOR STUDENTS.

Students who desire to earn all or part of their expenses while in school may be able to secure employment of different kinds through the Y. M. C. A. secretary, and Dean of Women, who are in charge of the Normal Employment Bureau.

Men students receive from fifteen to twenty-five cents per hour for the following kinds of work: Janitor service in buildings and on grounds of the Normal School, making gardens, cleaning and improving yards, caring for live stock, house cleaning, clerking, etc.

Women students receive from fifteen to twenty cents per hour for the following kinds of service: General housework, care of children, sewing, clerking, ironing, etc.

Full board or board and room for both men and women can often be secured in return for steward service at student boarding clubs, waiting table, washing dishes, cleaning, etc., or for the equivalent of from three to four hours work per day in private families.

Requests for help should be made as far in advance of the opening of the school as possible. In case the demand for employment exceeds the supply the names of applicants desiring work will be filed and the names will be recommended for vacancies as they occur.

For regulation concerning the number of courses that those who do outside work may take see Index.

HOSPITAL FUND.

This fund is provided by the fee of one dollar per year paid by all students in College and High School courses. It is used to pay salary of the head nurse, for such emergency hospital supplies as are necessary, and for unavoidable expenses required for proper care of the sick. The hospital fund has met with generous approval and has contributed to better general health and to the comfort of the students.

The hospital fund is administered subject to the following rules:

1. That the responsibility of the nurse extends to the advising of students in cases of mild illness and to the care of more serious cases until other arrangements can be made.
2. That the building be called the "Normal Emergency Hospital," and the fund be designated "Emergency Hospital Fund."
3. That students will be taken from their rooms to the hospital only in cases of emergency.
4. That patients be cared for in the Emergency Hospital no longer than the time necessary to communicate with their parents or friends and arrangements can be made for their safe removal.
5. That patients cared for in the hospital pay day charges at the rate of seventy-five cents a day. This will cover food and simple remedies, but includes neither doctor's fees nor prescriptions.

6. That patients in the Emergency Hospital may call the physician they prefer, and will then be under his care and that of the resident nurse until removed.

7. That cases of contagious diseases be not taken into the Emergency Hospital.

8. That a housekeeper be employed at the Emergency Hospital to care for the house and to furnish meals.

9. That the nurse may have certain hours within which she will make calls.

EXAMINATIONS.

There is no institution regulation requiring a final examination. However, any instructor may as a part of the regular work of a course require that students take a final examination.

The privilege of taking examinations may be given to students returning to school after an absence during the first semester succeeding their return, after consultation with, and the consent of, the head of the department in which the work is requested, upon the presentation of the Bursar's receipt for the fee required.

New students may establish credit by examination within the first semester of residence. Those of high-school rank will make application to the Principal of the Normal Training High School; those of college grade to the Registrar. The fee for each examination is one dollar.

COUNTY EXAMINATIONS.

Regularly registered students of the State Normal School, upon the payment of the usual examination fee of one dollar for each examination, may take the examination for county certificates, to be conducted under the supervision of the State Normal School. The papers in such examination will be sent to any county designated by the applicant, there to be examined by the county board of examiners, who will issue certificates to the successful applicants under the same conditions as if the examination has been conducted under their supervision.

The dates of the county teachers' examination are June 22 and 23, 29 and 30, July 27 and 28, and October 25 and 26, 1917, and January 25 and 26, 1918.

STUDENTS' LOAN FUND.

The class of 1899 made a gift of \$111.60 to be used as a fund for aiding students. The fund was put in the care of a board of trust composed of the president, vice president, and the head of the Department of Physics and Chemistry. Students who are within one year of graduation have preference in securing loans. When their needs have been met other students may secure loans in order of seniority. The plan proved

to be satisfactory, and several other classes have added to the fund. Following is a statement of the fund to date, January 1, 1917:

GIFT BY CLASSES.

Class of 1899.....	\$111.60
Class of 1900.....	107.56
Class of 1901.....	141.65
Class of 1905.....	27.00
Class of 1908.....	235.00
Class of 1909.....	168.28
Class of 1910.....	197.90
Class of 1911.....	107.16
Class of 1912.....	79.50
Class of 1913.....	51.55
Class of 1914.....	75.00
Class of 1915.....	84.07
Special, 1916.....	1.00
Freshmen, 1916	7.20
Class of 1916.....	70.04

Total gifts to date.....	\$1,464.51
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Present worth of fund, March 1, 1916.....	\$2,098.96
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Interest, March 1, 1916, to January 1, 1917.....	83.86
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Total gifts, 1916.....	78.24
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Present worth of fund, January 1, 1917.....	\$2,261.06
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This report does not include interest due and unpaid January 1, 1917.

The making of loans is in the hands of the committee above mentioned, of which Prof. James W. Mayberry is treasurer. Students interested should inquire of him.

SUMMER SCHOOL.

The courses given in the Summer School cover the work of the various departments. Credit earned then applies to the requirements the same as does credit earned at other times of the year. The courses given and the credit of each are indicated in the beginning of each course description. The library, laboratories and gymnasium are open for the use of students. In addition to regular courses there will be many special features of interest to teachers—review courses, the work of the Training School and special lectures for which credit is given.

Two semester hours' credit will be given all students who hear both the morning and evening lecture and who keep a satisfactory notebook; one hour credit will be given to those who hear but one lecture daily and who keep a satisfactory notebook.

All students not taking the lectures for credit will be required to attend sixteen lectures during the Summer Term. If distributed this would be an average of two per week for the eight weeks of the Summer School. This requirement may be satisfied by attendance at either morning or evening lectures.

SUMMER SCHOOL SPEAKERS, 1917.

Dr. Chas. H. Judd, director of the school of education, University of Chicago, for the week beginning June 11.

Dr. C. A. Prosser, director Dunwoody Industrial Institute, Minneapolis, Minn., for the week beginning June 18.

Dr. T. N. Carver, professor of economics, Harvard University, for the week beginning June 25.

Miss Theda Gildemeister, specialist in primary education, Winona State Normal School, and lecturer in the Columbia University Summer School, for the week beginning July 2.

W. Adams Puffer, Boston Vocational Bureau, for the week beginning July 9.

Dr. A. E. Winship, editor of the *Journal of Education*, Boston, Mass., for the week beginning July 16.

Prominent Kansas superintendents and principals will tell of the best things being done in the schools of Kansas.

SPECIAL ENTERTAINMENTS.

While planning a program for serious work in all phases, we consider it equally important that the Summer School, to fulfill its highest function, should also offer much to brighten and inspire those who come fatigued with the year's labors.

Free moving-picture exhibitions, educational and recreational, will be given frequently. The Department of Public Speaking and Expression is planning to give several high-class plays, with a view to showing students the possibilities of the drama as an educational factor in their home communities. In addition there will be old-time song fests, campus parties and playground games for everybody; base ball of high class by the teams of the city league on the Normal athletic field three evenings a week at the nominal charge of twenty-four games for one dollar.

FIFTY-SECOND COMMENCEMENT SPEAKERS.

Dr. S. S. Estey, Pastor First Presbyterian Church, Topeka, *Baccalaureate sermon*.

Dr. J. W. Hudson, University of Missouri, *commencement address*.

SUMMER SCHOOL SPEAKERS, 1916.

Professor Eugene Davenport, Dean of College of Agriculture, University of Illinois: *Country Life Conditions and Education*.

Professor E. A. Ross, University of Wisconsin: *Social Conditions*. Ten lectures.

Professor Peter Dykema, Professor of Public School Music, University of Wisconsin: *Public School Music. Community Music Pageant and Drama*.

Professor Otis W. Caldwell, University of Chicago: Six lectures on *Elementary Science*.

Supt. J. M. Gwinn, New Orleans: *School Administration*.

Supt. H. B. Wilson, Topeka: *School Administration*.

Supt. A. I. Decker, Fredonia: *School Administration*.

Supt. J. O. Hall, Hutchinson: *School Administration*.

Supt. J. B. Heffelfinger, Arkansas City: *School Administration*.

Supt. A. A. Hughart, Coffeyville: *School Administration*.

Principal H. T. Steeper, Leavenworth: *School Administration*.

ENTERTAINMENT COURSE, YEAR 1916-17.

The Cuborn Players: *Taming of the Shrew*. *The Rivals*, and *Richard III*.

ENTERTAINMENT COURSE, YEAR 1916-17.

George Hamlin, *tenor*; Myrtle Moses, *contralto*, October 10.

The Melting Pot, November 8.

The Metropolitan Grand Quartet, November 11.

Christine Miller, *contralto*; Rudolph, *pianist*, January 24.

John Kendrick Bangs, *humorous lecture*, February 14.

BIBLE STUDY WORK.

Credit is given for Bible study. The Bible as literature, courses dealing with the pedagogy of Bible study, and courses in Bible history may be submitted for credit. Students of High School and College grade are eligible for credit. The semester hour is the measure of credit for such courses. The maximum credit in one school year is one semester hour, and the maximum credit which may be allowed a person in three semester hours. Thus far only persons who are registered as Normal School students have been given credit for work done. It is required that students who wish credit should register for approved courses in making up their semester programs. All courses for which credit is desired must be submitted to the Bible Study Committee by September 1. Full information must be given concerning the lines of work to be offered, the time to be given each Sunday, or other time of meeting of the class, the ages of the students, and the qualifications of the teacher. The committee reserves the right to give examinations, or to examine reports, papers, etc., required of students as a part of the work done. Persons wishing further information should write the Registrar.

THE TRAINING SCHOOL.

The Training School offers a complete elementary course, including a two-year kindergarten course. In addition to the so-called common branches, emphasis is laid upon German, Latin, physical training, cooking, sewing, manual training, drawing, and music. The departmental plan of supervision is used above the third grade for geography, literature and arithmetic, thus affording excellent facilities for preparing teachers for junior high schools. A fee of \$2 per half-year in the kindergarten and primary grades, and of \$3 per half-year in grades above the primary, is payable at the time of entrance. For attendance during the Summer Session a fee of \$1 is charged, but is refunded to all children who continue in attendance for the entire Summer Term.

The aim of the School is threefold: (1) It strives to exemplify, in its organization, its discipline, its curriculum, and its methods of teaching, those principles of education for which the State Normal School stands. (2) It provides an opportunity for prospective teachers to observe these principles thus exemplified, and to carry out in practice the theories which they have learned in courses in education. (3) It seeks to establish the truth or falsity of proposed theories of education by controlled experiments in the application of the theories in question.

To meet the above aim the School maintains great flexibility in its courses of study. A few general principles which guide in the selection of subject matter and in the choice of methods may be given.

(1) Health is fundamental to normal mental development, and therefore our first consideration is the physical welfare of the children. Physical examination, with the resulting corrective gymnastics and recommendations to parents, supplements the regular physical-training exercises taken by the children.

(2) The development of individuality and self-control is of more value than the acquisition of any fund of information. Therefore we have a minimum of uniformity of class exercise and a maximum of attention to individual differences. A large measure of responsibility for both selecting the significant elements in the lessons and organizing them into proper form for future use is placed upon the children as early as possible. Much responsibility for self-control is also placed early upon the children. The school is as much a natural social group as possible, the success of the undertakings of which depend upon the successful coöperation of the children.

(3) A genuine interest in whatever is called for in the school must be felt by each child if he is to develop strength by assimilating it. While the work of the school must result in a mastery of the tools of learning, such as reading, writing, and numbers, these tools should be mastered by use in connection with real problems which are in themselves worth mastering. The necessary drill should be largely obtained in situations which the children or the teacher build up requiring the use of the tool subjects. These situations include games, storekeeping, story-reading, written requests, invitations, etc.

A copy of the course of study will be mailed to any one who asks for it.

BUREAU OF EDUCATIONAL MEASUREMENTS AND STANDARDS.

This bureau was established by the Board of Educational Administration for the purpose of assisting superintendents and teachers in applying measurements and standards in the public schools of the state. In fulfilling this function a large quantity of valuable data accumulates in the office of the bureau. These data are available to students for the study of educational problems.

EXTENSION DIVISION.

All phases of extension work done by the Kansas State Normal are centralized in the Extension Division. The Division consists of the following departments:

APPOINTMENT BUREAU.

This Bureau is managed jointly by the institution and the Alumni Association through a board of seven members. The registration in the Bureau is eighteen hundred, and from this number candidates for every line of school work can be selected. Those enrolled are carefully catalogued and classified, so that recommendations may be quickly made. Information concerning candidates is in every case to be returned to

the Bureau. The Appointment Bureau insures more certain placing of teachers at graduation and more rapid advancement of those in the field. It provides a systematic method for getting school boards and teachers together. It keeps on file complete and accurate reports as to the success of its teachers. It sends out teachers almost every week in the year.

CORRESPONDENCE-STUDY DEPARTMENT.

The State Normal School is doing a constantly increasing amount of work in correspondence study. Work by correspondence is offered in practically every department of instruction. A fee of \$10 per year is required. This work is all outlined in a special catalogue, which may be had for the asking. This department enables students to make progress whether they can attend school or not.

Any amount of high-school work may be done by correspondence. Not more than one-half the credit required for any certificate, or diploma may be accumulated by correspondence. This in no way operates to reduce residence requirements stated elsewhere.

In conjunction with the work in correspondence study provision is made for the organization of study groups, to be conducted by members of the Faculty. A number of such groups have been organized over the state. Those who complete satisfactorily the work in these groups are given credit which counts toward graduation just the same as work done here in residence. Several such groups are at work this year.

EXTENSION LECTURE DEPARTMENT.

This department offers lectures and entertainments to the communities of Kansas. Every activity of the School is represented in the extension pamphlet issued by this department. Teachers' associations, parents' meetings, social centers, men's clubs, women's clubs and other organizations can select to advantage from the list of lectures and entertainments offered. Special attention is given high-school plays and public-speaking work in high school.

In coöperation with the Library, this department takes care of inquiries as to library helps, book lists, etc. It offers the advice of Faculty members in regard to building and equipment of school plants, methods of instruction, etc. Special effort is made to answer fully every inquiry that is received.

This department also provides a Victrola, with records and lectures on music appreciation, motion pictures, microscope slides, lantern slides, drawing exhibits, etc.

RURAL SCHOOL BUREAU.

The Rural School Bureau is a new department added this year to the Extension Division. The bureau is in charge of a board of eight members, each of whom is intimately acquainted with some phase of the work in rural schools. Its chairman is the professor of rural-school administration. The board makes plans in the interests of rural schools and the clerical force of the division sees that they are carried out. Special helps of various kinds are being furnished to rural schools, and through co-operation with county superintendents and several hundred rural teachers

plans for bettering the programs and teaching of various subjects are being tried out. This bureau promises to become one of the strongest departments of the division.

PUBLICITY.

The dissemination of all news of the school and all publications, such as its magazine, *Teaching*, and the various special bulletins is provided by the Publicity Department, under the general direction of the Publicity Committee of the Faculty.

ALUMNI ORGANIZATIONS.

The Alumni Department takes care of all alumni meetings and records, publishes an alumni catalogue and news letter from time to time, manages the property of the association, and serves as general alumni headquarters every day in the year.

Inquiries concerning any of these phases of extension work should be addressed to Extension Division, Kansas State Normal, Emporia, Kan.

THE LIBRARY.

The Kellogg Library Building is described on another page, in connection with "Buildings and Grounds."

The library has 42,000 classified and catalogued volumes, 1700 bound and catalogued pamphlets, and thousands of unbound classified pamphlets. All material in the library is available, either through classification and filing or through the catalogue. The annual accessions average 3000 volumes. More than 300 periodicals of educational and general interest are received and preserved. Kansas newspapers to the number of 350 are received regularly and are available to students. The library is open for use 84 hours each week; the average hourly attendance of readers is 125. The staff consists of nine trained library workers.

Some special features of the library are:

REFERENCE DEPARTMENT. An unusually strong equipment of up-to-date book tools—keys to all other books. In vertical file, instantly available by topic, are thousands of newspapers and magazine clippings, affording material not elsewhere available. Also in vertical file are reading and reference lists on several thousand topics, suggesting best sources of information. Government documents and pamphlets are systematically filed, indexed, and available. Educational documents, state and city reports and courses of study are received from all parts of the country, listed and classified. The files of bound periodicals in the mezzanine stack, adjoining the reference room, are unusually comprehensive.

SCHOOL DEPARTMENT. This is a model public-school library in selection, equipment, and atmosphere. It occupies two rooms on the first floor of Kellogg Library. It has its own librarian and assistant, its own catalogue, and more than three thousand recommended books. Its collection of several thousand mounted pictures, filed by topics in vertical file, its post-card collection and its lantern-slide collection are in constant use. Its facilities are eagerly used by pupils of the Training School, practice and supervision teachers, and visiting teachers and parents.

EXTENSION SERVICE. The library began its extension service in January, 1913. Books, pamphlets, and clippings are sent through the mails to responsible parties, at their expense both ways, for school debates, orations, and essays; for papers and addresses by teachers and school officers; for papers by club women; and for correspondence-study courses conducted by the School. This department also answers many questions on library organization, issues three series of library information circulars ("Kansas Library Newsletter," "Library Extension Circular," and "Kansas School Library Leaflet"); and the librarian and assistants make addresses or visit libraries for advisory purposes.

CHAPEL.

The chapel exercises are held from 10 to 10:20. Attendance is required.

PUBLICATIONS.

In addition to the General Catalogue, the following publications are put out by the Kansas State Normal School:

TEACHING, a magazine published every two weeks, devoted to all phases of educational and teacher-training work. Six thousand copies of each edition are distributed to teachers and school officers of Kansas. Each issue is devoted to some special educational topic. The magazine is edited by Mr. Baker Brownell, of the English Department, and will be sent free of charge to any one in the state of Kansas.

SUMMER SCHOOL CATALOGUE, issued yearly, in January or February, for the Summer School following. Catalogue sent upon request.

CORRESPONDENCE-STUDY CATALOGUE, issued each year by the Extension Division, contains full information concerning courses, fees, time, etc., in correspondence work. This catalogue is sent free to any one upon request.

EXTENSION CATALOGUE, issued annually by the Extension Division, contains full information regarding lectures, lyceum courses and special features of various kinds provided by the State Normal School.

MUSIC CATALOGUE, issued once a year by the Music School, and containing full information about instruction in public-school music, voice, piano, violin, harmony, theory, history of music, etc. Sent on request.

ALUMNI CATALOGUE, issued by the Extension Division, and containing register of alumni as well as other information concerning the School and the Alumni Association. May be had for the asking.

THE SUNFLOWER, the year-book of the School, published by the student body. Distributed through the Annual Staff.

SPECIAL BULLETINS, such as plays and games, school gardening, etc., are published from time to time.

THE STATE NORMAL BULLETIN, published weekly by the students through the *Bulletin* staff, elected each year from the student body.

KANSAS HIGH SCHOOLS ACCREDITED BY THE STATE BOARD
OF EDUCATION.

Based on report issued in 1916.

ACCREDITED—CLASS A.

Abilene.	Dickinson County.	Kinsley.	Pittsburg.
Alma.	(Chapman.)	Kiowa County.	Pratt.
Anthony.	Dodge City.	(Greensburg.)	Reno County.
Argentine.	El Dorado.	Labette County.	(Nickerson.)
Arkansas City.	Ellsworth.	(Altamont.)	Rosedale.
Ashland.	Emporia.	Larned.	Russell.
Atchison County.	Esbridge.	Lawrence.	Sabetha.
(Effingham.)	Eureka.	Leavenworth.	Salina.
Atchison.	Fort Scott.	Lincoln.	Seneca.
Augusta.	Frankfort.	Lindsborg.	Sherman County.
Belleville.	Fredonia.	Lyons.	(Goodland.)
Beloit.	Galena.	Manhattan.	Smith Center.
Burlington.	Garden City.	Mankato.	Stafford.
Caney.	Garnett.	Marion.	Sterling.
Chanute.	Girard.	Marysville.	St. John.
Chase County.	Great Bend.	McPherson.	Sumner County.
(Cottonwood Falls.)	Hays.	Minneapolis.	(Wellington.)
Cherokee County.	Herington.	Montgomery County.	Sumner High School.
(Columbus.)	Hiawatha.	(Independence.)	(Kansas City.)
Cherryvale.	Hoisington.	Neodesha.	Sumner County.
Clay County.	Holton.	Newton.	(Colby.)
(Clay Center.)	Horton.	Norton County.	Topeka.
Coffeyville.	Humboldt.	(Norton.)	Trego County.
Concordia.	Hutchinson.	Olathe.	(Wa Keeney.)
Council Grove.	Iola.	Osborne.	Valley Falls.
Crawford County.	Jewell City.	Ottawa.	Washington.
(Cherokee.)	Junction City.	Paola.	Wichita.
Decatur County.	Kansas City.	Parsons.	Winfield.
(Oberlin.)	Kingman.	Peabody.	Yates Center.

ACCREDITED—CLASS B, RANK I.

Alden.	Coldwater.	Lakin.	Robinson.
Almena.	Dixon Township.	Liberal.	Rose Hill.
Alta Vista.	(Argonia.)	Lyndon.	Rossville.
Altoona.	Douglass.	Macksville.	Sedan.
Attica.	Downs.	McLouth.	Sedgwick.
Axtell.	Ellinwood.	Meade.	Solomon.
Baldwin.	Ellis.	Medicine Lodge.	Stockton.
Belle Plaine.	Erie.	Moline.	Tonganoxie.
Blue Rapids.	Fairview.	Ness City.	Troy.
Bonner Springs.	Florence.	Oakley.	Wamego.
Bucklin.	Formoso.	Onaga.	Waterville.
Burlingame.	Fowler.	Osage City.	Wathena.
Caldwell.	Frontenac.	Osawatomie.	Wellsville.
Canton.	Gas.	Oskaloosa.	Wetmore.
Cawker City.	Halstead.	Phillipsburg.	White Cloud.
Cedar Vale.	Harper.	Plainville.	White Water.
Centralia.	Hartford.	Pleasanton.	Williamsburg.
Cimarron.	Highland.	Rawlins County.	Wilson.
Clearwater.	Howard.	(Atwood.)	(Ellsworth County.)
Clifton.	Kincaid.	Reading.	

ACCREDITED—CLASS B, RANK II.

Alton.	Elwood.	Leon.	Pomona.
Atlanta.	Englewood.	Le Roy.	Protection.
Basehor.	Everest.	Lewis.	Randolph.
Belpre.	Geneseo.	Linwood.	Scott County.
Beverly.	Glasco.	Little River.	(Scott.)
Bronson.	Glen Elder.	Logan.	Severance.
Brookville.	Goddard.	Lucas.	Severy.
Buffalo.	Greeley County.	Luray.	Sharon.
Burden.	(Tribune.)	Madison.	Sharon Springs.
Burns.	Greenleaf.	Marquette.	Sheridan County.
Burr Oak.	Gypsum.	Melvorn.	(Hoxie.)
Burrton.	Hamilton.	Meriden.	Soldier.
Carbondale.	Hanover.	Moran.	Spearville.
Chase.	Harveyville.	Morrill.	Spivey.
Cheney.	Hazelton.	Mound City.	Spring Hill.
Cheyenne County.	Hill City.	Moundridge.	Spring Township.
(St. Francis.)	Hillsboro.	Mount Hope.	(Anthony.)
Circleville.	Jetmore.	Mulberry.	St. Marys.
Claffin.	Kiowa.	Mulvane.	Syracuse.
Clyde.	La Crosse.	Natoma.	Toronto.
Colony.	La Cygne.	Neosho Falls.	Towanda.
Conway Springs.	La Harpe.	Nortonville.	Udall.
Cunningham.	Lane County.	Norwich.	Valley Center.
Delphos.	(Dighton.)	Oswego.	Westmoreland.
Derby.	Lansing.	Overbrook.	White City.
Dexter.	Latham.	Oxford.	Winchester.
Easton.	Lebanon.	Pawnee Rock.	
Edwardsville.	Lebo.	Perry.	

ACCREDITED—CLASS B, RANK III.

Admire.	Goff.	Minneola.	Savonburg.
Americus.	Grant County.	Morehead.	Scandia.
Andover.	(New Ulysses.)	Mound Valley.	Scranton.
Assaria.	Grenola.	Muscotah.	Silver Lake.
Barnard.	Haven.	Neosho Rapids.	Stark.
Bazine.	Havensville.	Oneida.	Summerfield.
Beattie.	Hope.	Ozawkie.	Sylvan Grove.
Benedict.	Hugoton.	Palco.	Tescott.
Blue Mound.	Ingalls.	Portis.	Thayer.
Brownell.	Irving.	Potwin.	Utica.
Bunker Hill.	Jamestown.	Powhattan.	Vermilion.
Chetopa.	Kipp.	Preston.	Viola.
Corning.	Lecompton.	Quenemo.	Virgil.
Courtland.	Longton.	Quincy.	Waldo.
Cuba.	Lost Springs.	Quinter.	Walnut.
Edna.	Maize.	Ramona.	Walton.
Elsmore.	Maple Hill.	Randall.	Weir.
Enterprise.	McCracken.	Ransom.	Whiting.
Esbon.	McCune.	Redfield.	Wichita County.
Eudora.	Merriam.	Republic.	(Leoti.)
Garden Plain.	Mildred.	Rock Creek.	Winona.
Gardner.	Milton.	Russell Springs.	

NOT FULLY ACCREDITED—CLASS C.

Agenda.	Dover.	Kanopolis.	Princeton.
Agra.	Edgerton.	Kirwin.	Rantoul.
Allen.	Elk Falls.	Lane.	Raymond.
Antrim.	Ford.	Lenexa.	Reserve.
Arcadia.	Frederick.	Leonardville.	Richmond.
Barns.	Fulton.	Liberty.	Riley.
Bennington.	Garfield.	Longford.	Rush Center.
Bentley.	Garrison.	Long Island.	Sawyer.
Benton.	Geuda Springs.	Mayetta.	Selden.
Bern.	Grainfield.	Milan.	Simpson.
Bird City.	Greeley.	Miltonvale.	St. Paul.
Bison.	Gridley.	Monument.	Strawn.
Buhler.	Grinnell.	Mullinville.	Sylvia.
Burdett.	Haddam.	Netawaka.	Talmage.
Bushong.	Healy.	Oakland.	Tampa.
Bushton.	Hepler.	Oketo.	Turon.
Carneiro.	Herndon.	Olzburg.	Tyro.
Clayton.	Hewins.	Paradise.	Uniontown.
Cleburne.	Hollenberg.	Parker.	Webster.
Codell.	Home.	Partridge.	Welda.
Collyer.	Hoyt.	Paxico.	Wilsey.
Corbin.	Hudson.	Plevna.	Wilson.
Deerfield.	Huron.	Potter.	(Wyandotte Co.)
Denton.	Inman.	Prairie View.	Windom.
De Soto.	Ionia.	Prescott.	Woodston.
Dorrance.	Jennings.	Pretty Prairie.	

ACADEMIES AND PRIVATE INSTITUTIONS ACCREDITED BUT NOT CLASSIFIED.

Baker University Academy.....	Baldwin.
Bethel College	Newton.
Cathedral High School.....	Leavenworth.
Catholic High School.....	Kansas City.
Friends University Academy.....	Wichita.
Hesston Academy	Hesston.
St. Mary's Academy.....	Leavenworth.
Nazareth Academy	Concordia.
Ottawa University Academy.....	Ottawa.
Sacred Heart Academy.....	Salina.
Southwestern Academy	Winfield.
Ursuline Academy	Paola.
Washburn College Academy.....	Topeka.

DEPARTMENT CLUBS.

THE MATHEMATICS CLUB is an organization for those students whose major subject is mathematics, and who are especially interested in the current literature regarding the history and the teaching of mathematics. Its membership is restricted to those having full collegiate standing. The meetings are held the second Wednesday evening of each month.

DER DEUTSCHE VEREIN is an organization open to all students in the department of German except beginners. It meets on the first and third Wednesday evenings of each month of the regular school year. Its chief objects are the discussion of valuable books and periodicals, the observation of important German holidays and anniversaries, additional practice in speaking German, and the enjoyment of pleasant social hours.

THE EUROPEAN HISTORY CLUB is organized for those students who are interested particularly in the study of European history. Its aim is to draw the students through this special interest into closer social and intellectual union. The study of some historical theme is pursued throughout the year, the students themselves taking a large part in the presentation and discussion of the subject. The club meets on the first and third Wednesdays of each month.

THE PHYSICS CLUB AND SEMINAR meets every other Wednesday at 7:30 p. m. From an enrollment of a dozen at its initiation it has grown until the regular attendance ranges from forty to fifty members. The ideals of the club are to arouse greater interest in physics, to promote coöperation and mutual assistance to those who are working in this department, and to encourage deeper study of many of the most common and interesting phenomena and principles. It is a real, live, throbbing organization in the School.

THE LATIN CLUB is conducted for the benefit of students enrolled in the Latin department and others who may be interested in the study or teaching of Latin. It meets on the second and fourth Wednesdays of each month. The programs consist of papers, reports, dialogues, scenes from standard Latin authors, and short plays given by the students. Frequent addresses and lantern talks are given by the instructors and other members of the Faculty.

THE PHILOSOPHY CLUB is composed of members of the Faculty, advanced students and townspeople. The only qualification required for membership is an interest in philosophy. The club meets Saturday evening of each week.

THE MUSICAL ARTS CLUB consists of the members of the Chorus, Glee Clubs, Treble Clef Club, Orchestra and Band. A social meeting with a short program is held on the third Wednesday of each month. All activities of the club are planned by the students in the organization.

THE ART STUDY CLUB of the Kansas State Normal is a new organization, organized for these students who are especially interested in Art. It has as its purpose the study and appreciation of Art in its different forms. The club meets the first and third Wednesday evenings of each month.

THE SENATE is a club formed for the discussion of current political problems and for practice in parliamentary law. It is organized under rules similar to those of the United States senate, with the regular senatorial committees and officers.

STUDENT SOCIETIES AND CLUBS.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION has a secretary whose full time is devoted to the service of the men of the Normal. A handbook containing matters of interest and information on all school activities is printed every year, and will be mailed on request to any one who desires it. The information bureau, the coöperative employment plan, the socials, and addresses on things of vital interest to every man, make the Y. M. C. A. a valuable asset to student life. Questions regarding room, board, self help, etc., will be answered so far as possible, and some member of the association will meet any prospective student who will inform the secretary when he expects to arrive in Emporia. Address correspondence to the Secretary of the Normal Y. M. C. A.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION is an organization of the young women of the School. It is one of 660 such organizations for women students in the United States. Its purpose is not only to train young women while in school in methods of service by helping one another, but by this to fit them for greater usefulness when they leave school. The work is carried on by committees under the direction of a cabinet chosen from the membership, and the general secretary, who is employed for full time. Some of the important features of the work are the rest room; a bureau, through which many girls obtain employment; meeting new students at the trains and helping them to become acquainted through social occasions and calls; Bible study and mission study, vesper services, and calling on sick girls. Miss Margaret Hess, the general secretary, will be very glad to answer any correspondence in regard to work, plans, or anything that will be helpful to a new student.

STORY-TELLING CLUB. The primary and kindergarten girls, feeling a need of practical work in story-telling and dramatization, have organized a club for this purpose, known as the Story-Telling Club. They meet every two weeks and tell stories suggested by the seasons. The programs are occasionally made more enjoyable by the use of music and children's games, while now and then an entire social evening is given.

THE ORATORICAL ASSOCIATION is composed of those interested in oratory. The Normal School participates in two oratorical contests;

the contest between the three Normal Schools of the state, and the collegiate oratorical contest. The winner of these contests represents the state in the interstate contests.

THE DRAMATIC CLUB is composed of those who are chosen in the casts of the plays which the college department presents during the year. The selection of the cast is made by the head of the Department of Public Speaking and Expression.

THE FORENSIC FRATERNITY is an honorary fraternity composed of those who have represented the Normal School in debate or oratory. It was organized in the spring of 1916, with a charter membership of sixteen. The purpose of the organization is to further the interests of all forms of public address.

THE NORMAL MASQUES is a dramatic club of the Normal High School. It has for membership those who are interested in amateur dramatics. They present one full evening play, and several short plays each year.

THE IONIAN SOCIETY, a group of thirty wide-awake girls interested in social and literary pursuits. Membership is obtained by election and invitation from the society. Composers, musicians, grand opera and concert-performers have their share in the year's programs.

THE ALICE FREEMAN PALMER SOCIETY is a literary society composed of thirty girls chosen from classes above the Freshman class. The society meets weekly on Saturday with an occasional social meeting.

THE SIGMA SOCIETY is composed of a group of twenty-five or thirty girls, organized for the purpose of developing social leadership by means of studying social forms and ways of entertainment. It meets once a week at the home of one of the members, when programs are given consisting of music, reading, talks on etiquette and games. Often one particular topic is studied throughout the semester, as musicians, artists and current events.

THE OMEGA SOCIETY is the oldest girls' society in the School. It was organized by a group of girls desiring special training in literary research and debate. During the eleven years since its organization the society has stood for the best of all school activities, and has swerved from its original purpose only in so far as debate is no longer emphasized. Aside from the literary and educational value of the society, many of the social activities of the School center here.

THE REPRESENTATIVE LITERARY SOCIETY is one of the strong men's societies of the School. It meets weekly for practice in all forms of platform work and parliamentary drill. It is under the censorship of a member of the Faculty, who advises and suggests work for the different members.

THE DELPHIAN LITERARY SOCIETY, although the newest men's society in the School, boasts of the largest membership. The work of the weekly meetings is that done by the usual literary society—debates, orations, readings, and musical numbers. A member of the Faculty acts as critic.

JAYHAWKER DEBATING CLUB. This organization is composed of about twenty-five young men of the College, who meet weekly, on Saturday morning, for the discussion and formal debate of live current topics. At

times active parliamentary practice is engaged in, under the criticism of a Faculty member. A good opportunity is thus afforded young men to secure training for public service.

THE NEWMAN CLUB is an organization of the Catholic students of the School, formed for purely social purposes. With the organization the purpose was extended to include also the study of some subject of especial interest to the members. The subject chosen for the current year is the history of church development. The officers are a president and secretary, and membership is open to any student in school who may wish to join the club.

THE TREBLE CLEF CLUB is a double quartet of ladies voices picked from the best in the School of Music, preference being given, when possible, to students of Public-school Music. The purpose of the Club is the study of part songs and their artistic presentation.

THE COLLEGE GIRLS' GLEE CLUB is open to all College girls, whether registered in the Music Department or not. Two hours a week are devoted to the practice of two-, three- and four-part choruses. Chosen with the object of acquainting the girls with material suitable for use later in their own work as teachers. Public performances are given from time to time throughout the school year.

THE CHORUS consists of 150 members. The students enrolled receive College credit for their work. On December 20, 1916, they presented "The Holy City" by Gaul. The students of the school were admitted free of charge. On January 9, 1917, "The Holy City" was repeated in the interest of the people of Emporia. Prof. F. A. Beach is conductor. The organization had several social gatherings in the year.

THE ORCHESTRA has full instrumentation in the forty instruments played by students of the College department and a few Emporia people. The students enrolled in orchestra receive college credit for their work. The annual concert given February 27, 1917, in Albert Taylor Hall, was directed by Mr. George Keenan. The orchestra accompanies the chorus and the opera work of the school, plays, chapel, and many social functions, during the year. A high-school orchestra has been organized to train recruits for the larger orchestra.

THE NORMAL BAND contains thirty instruments played by students who receive regular College credit for their work. The band plays at all athletic events and several social events during the year. The band gave its annual concert in Albert Taylor Hall, February 6, 1917, under direction of Mr. M. C. Grady.

THE HIGH-SCHOOL GLEE CLUBS consist of sixteen girls under direction of Miss Ruth Major, and sixteen boys under direction of Mr. Philip Jones. The clubs sang at chapel and at several social events during the year.

THE K. S. N. GLEE CLUB is composed of twenty-four men of the college department. These men are chosen strictly on the competitive basis and receive no College credit for their work. The third annual home concert was given February 8, 1917, in Albert Taylor Hall, under the direction of Mr. Harry Murrison. Six consecutive dates were filled

by the club in northern Kansas during February. Several shorter trips were taken during the latter part of the school year. The faculty recognize all absences caused by Glee Club trips on the basis as athletic trips.

A CHESS CLUB was organized in 1915 with a membership limited to sixteen leading players of the school. Tournaments and chess demonstrations were held during 1915, 1916 and 1917. The president of the club is Lee McFarland.

A PLATO GROUP meets one or two afternoons each week for the purpose of reading the dialogues of Plato. The study begins with some of the earlier dialogues and proceeds later to the Republic.

THE GIRLS' PHYSICAL TRAINING CLUB is an organization open to all students majoring or minoring in the Physical Training Department. The purpose of the club is to further the study of and promote the interest in physical education; to give the girls higher and broader ideals of their work and to further their social activities. The club promises to be a real, live force in the school.

THE SPORTS AND PASTIMES ASSOCIATION is the only organization open to every girl in school. It was organized to promote girls' athletics by encouraging sports and gymnastics, thus drawing the students through this special interest into closer social union.

THE K CLUB. This club is composed of the men who have won the honor "K" in athletics. Its purpose is to better the athletic interests of the school and attract men to the Normal in a legitimate way.

Certificates and Diplomas.

REGULAR CERTIFICATES AND DIPLOMAS.

GENERAL REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION.

The degree of B. S. in Education is conferred upon persons who are graduates of accredited high schools, or other preparatory schools of like standing, and who satisfy the following requirements:

ENGLISH.

Rhetoric and Composition, 6 hours.

Three hours of Rhetoric and Composition must be taken in the Freshman year.

All students will register for Rhetoric and Composition 1 the first or second semester of the Freshman year.

Those students who, within the first two weeks of the semester, convince the Faculty of the Department of English that they are able to do superior work in Rhetoric and Composition will be tentatively excused from the first three hours and permitted to undertake the work of the second three hours. Such students who complete the second course satisfactorily will not be required to take the first course, but will be required to offer three hours elective credit.

Literature, 3 hours.

Special Work: All students in the Junior or Senior year whose work in any department is weakened by poor English, or whose English is found to be notably defective, shall be reported at once by the instructor concerned to

the head of the English Department, or to a committee of which he shall be chairman. Upon examination such students shall be assigned to regular English classes without credit until they are able to pass a proficiency test in the subject. No candidate will be recommended for the degree until his English is satisfactory.

Public Speaking or Expression, 3 hours.

FOREIGN LANGUAGE.

A total of twenty hours in high school and college is required. This total is reduced at the rate of five hours for each unit of High-school credit in foreign language, providing that a student may not have less than ten hours of College credit in any one language unless credit in that language has been offered for college entrance.

HISTORY.

American History and Government, 3 hours.

Students offering less than one unit of American History and Government for entrance will be required to take three hours of American History or Government.

European History, 3 hours.

Students offering less than one unit of European History for college entrance will be required to take three hours of European History.

SOCIOLOGY, 3 hours.

MATHEMATICS, 3 hours.

Students offering less than three units of Mathematics for college entrance will be required to take three hours of College Mathematics.

PHYSICAL SCIENCE (Physics or Chemistry), 5 hours.

Students who do not offer a unit of Chemistry or a unit of Physics for entrance will be required to take five hours of Physics or Chemistry in college.

BIOLOGICAL SCIENCE (Biology or Physiology), 5 hours.

Students offering less than one unit of Biological Science for entrance will be required to take five hours of Biological Science.

PROFESSIONAL REQUIREMENTS:

Methods in Elementary School Instruction, or Methods in Rural School Instruction	3 hours.
General Psychology	3 hours.
Methods of High-school Instruction	3 hours.
School Administration	2 hours.
Principles of Education	3 hours.
Educational Psychology.....	3 hours.

From the following:

Educational Measurements	2 hours.	} 6 hours.
History of Modern Education	3 hours.	
Supervision of Instruction	2 hours.	
Educational Administration	3 hours.	
Fundamental Problems of Administration...	3 hours.	
High School Administration	2 hours.	
Educational Research	credit by arrangement	
Educational Sociology	3 hours.	
Psychology of Adolescence	3 hours.	
Social Psychology	2 hours.	}
State and County School Administration...	3 hours.	

Students should elect from this group those courses which are most closely related to the field of work for which they are preparing.

(Students taking the kindergarten certificate are excused from this requirement of six hours.)

Practice Teaching, 2 hours.

(Effective after September, 1917. This requirement will apply in all cases where students are preparing to teach in high school.)

A Special-methods High-school Course, 2 hours.

ELECTIVE:

There is the further requirement of sufficient elective credit that the student seeking the degree may have a total credit of 120 hours, exclusive of credit in Physical-training Practice.

PHYSICAL-TRAINING PRACTICE (per semester for the Freshmen and Sophomore years), 1 hour.

(Students who are unable to do the work of practice courses will take theory courses giving a total credit of four hours covering the time the requirement in physical training is imposed. Students who take theory courses in lieu of practice courses will submit a total credit of one hundred and twenty-four hours for the degree.)

Regulating the Election of Courses.

1 The work of the Junior and Senior years must include a minimum of forty hours from courses designated as Senior College subjects. For students graduating before September, 1918, this requirement will be a minimum of thirty six hours from courses designated as Senior College subjects.

2. No student having less than thirty hours of college credit shall be admitted to Senior College subjects. (This shall be interpreted to mean that when a department admits Freshmen to a given course it must be ranked as a Junior College course.)

3. At least one-third of the hours required for a major in any department must be Senior College work.

4. A student may not elect for credit more than fifteen hours in the courses listed below under I, II, A, B, C. (See Life Certificate Requirements.)

5. Requirements for students who are preparing to teach in high school seven hours of the following courses are required, but only nine hours may be elected for credit:

- a. Practice Teaching in the Normal Training High School, 2 hours.
 - (1) Methods in High School Instruction, 3 hours.
 - (2) Special methods in the branch, or branches in which the student elects his practice teaching, 2 hours.
 - (3) Elective, additional Special Methods, 2 hours.

In addition to practice teaching in the Normal Training High School, Methods in High School Instruction, and the Special Methods in High-school courses, a student may not elect for credit more than fifteen hours, nor more than eight hours after the school year 1919-'20 in methods and practice required for the life certificate listed below under I, II, A, B, and C.

Majors.

Majors may be taken in the following departments and department groups. In case of department groups, the major may be taken in any

one field of the group, or combination of field which the student's adviser may deem wise. Advisers are as follows:

1. Agriculture, Professor Phipps.
2. Art, Professor Gridley.
3. Biological Science group:
Biology and Geology, Professor Wooster.
Physiology and Hygiene, Professor White.
4. Commerce, Professor Parke.
5. English and Public Speaking group, Professor Barrett and Professor Gilson.
6. History and Government group, Professor Whitney.
7. Home Economics group, Professor Beye.
8. Latin, Professor Holtz.
9. Manual Training, Professor Braucher.
10. Mathematics, Professor Lindquist.
11. Modern Languages, Professor Dudley.
12. Music, Professor Beach.
13. General Pedagogy group (Psychology and Philosophy), Professor Triplett.
14. Physical Science group:
Physics, Professor Tidd.
Chemistry, Professor Mayberry.
Geography, Miss Atwood.
15. Physical Training, Professor Turner and Miss Watson.
16. Sociology and Economics, Professor Smith.

(A major may be selected from kindergarten courses, and from primary courses in accordance with this general regulation.)

I. Students should give attention as early as the Sophomore year to the selection of a major. They are required to file with the Registrar and the head of their major department not less than the opening of the Junior year their selection of a major. The consent of the President is necessary to a change in the major subject.

II. A major shall consist of not less than twenty hours in some one of the above designated departments or department groups. The twenty hours must include a minimum of nine hours of senior college courses.

III. Not more than thirty-five hours in any one department or department group may be counted toward graduation, except:

1. In Modern Languages ten additional hours of French may be counted.
2. In the Biological Science group or in the Physical Science group ten hours additional credit may be counted, provided this is prerequisite work in another field of the group.
3. In the General Pedagogy group ten additional hours may be counted provided it consists of work which has been required for the life certificate.
4. In the English and Public Speaking group ten hours additional credit may be counted.

IV. With the exception of students majoring in kindergarten or primary work, all students are required to have a major and a minor of nonprofessional courses.

Residence Requirements for B. S. in Education.

I. A minimum of two semesters, or one semester and one term, in which courses taken up are completed, or three terms of residence, dur-

ing which the student must earn twenty-four hours of credit, is required. These twenty-four hours must be included in the last thirty-two hours necessary for graduation.

II. Students who have made seventy-five hours in residence may be in residence only one semester or the Summer Term immediately prior to the granting of the degree.

III. In addition to satisfying the above residence requirement, students coming with advanced standing from other institutions must take in residence a minimum of four hours in their major subject and a minimum of two hours in their minor subject.

The above general requirements shall apply to all Freshmen entering after September 1, 1917. They shall apply to all graduating with the degree of B. S. in Education after September 1, 1919, and, in so far as possible, shall apply to all graduating after September 1, 1917.

REQUIREMENTS FOR THE LIFE CERTIFICATE.

The life certificate is issued to persons applying for it who are graduates of accredited high schools or other preparatory schools of like standing, and satisfy the following requirements:

These courses, excepting the methods courses in German and Latin, are open only to Freshmen and Sophomores. If taken by Juniors or Seniors only half of the credit indicated will be allowed.

ENGLISH.

Rhetoric and Composition, 6 hours.

Three hours of Rhetoric and Composition must be taken in the Freshman year.

All students will register for Rhetoric and Composition I the first or second semester of the Freshman year. Those students who within the first two weeks of the semester convince the Faculty of the Department of English that they are able to do superior work in Rhetoric and Composition will be tentatively excused from the first three hours and permitted to undertake the work of the second three hours. Such students who complete the second course satisfactorily will not be required to take the first course, but will be required to offer three hours elective credit.

From the Department of English, or Public Speaking and Expression, 3 hours.

Methods in Elementary Instruction or Methods in Rural School Instruction, 3 hours.

Special Methods (see below), 4 hours.

Practice Teaching in the Elementary Training Schools, or City Elementary Schools, 4 hours.

Elective, 35 hours.

Physical Training Practice (per semester for the Freshman and Sophomore years), 1 hour.

(Students who are unable to do the work of practice courses will take theory courses giving a total credit of four hours covering the time the requirement in physical training is imposed. Students who take theory courses in lieu of practice courses will submit a total credit of one hundred and twenty-four hours for the degree.)

NOTE.—*Students should read the following requirements carefully:*

Required as prerequisite to Practice Teaching:

- I. Methods in Elementary Instruction, or Methods in Rural School Instruction 3 hours.
- II. Graded School Administration, Rural School Administration, or Educational Measurements 2 hours.

(Not more than five hours from groups I and II may be counted for the life certificate, or the degree of bachelor of science in education.)

- A. Additional methods required for teaching in the kindergarten:
 1. Methods in Kindergarten Technics... 2 hours.
- B. Additional methods required for teaching in the primary grades:
 1. Primary Methods 4 hours.
- C. Additional methods required for teaching in the intermediate and junior high-school grades: *One or two special methods courses to be chosen from the following at the discretion of the director of teacher training (see the department statements in which these courses are listed for descriptions and prerequisites):*
 1. Methods in Elementary Science.... 2 hours.
 2. Methods in Elementary Geography, 2 hours.
 3. Methods in Elementary History (I or II) 2 hours.
 4. Methods in Elementary English... 2 hours.
 5. Methods in Elementary Arithmetic, 2 hours.
 6. Methods in Physical Training..... 2 hours.
 7. Methods in Elementary Manual Training 2 hours.
 8. Methods in Elementary Home Economics 2 hours.
 9. Methods in Elementary Drawing (I or II) 2 hours.
 10. Methods in Elementary Music 2 hours.
 11. Methods in Penmanship 2 hours.
 - *12. Methods in German 2 hours.
 - *13. Methods in Latin 2 hours.

A student may not elect more than *fifteen hours* in the above courses listed under I, II, A, B and C for the life certificates, unless he secures a special proficiency certificate, or a special certificate to teach in high school and the life certificate at the same time.

Residence Requirement for the Life Certificate.

A minimum of one semester or two terms of residence, during which the student must earn fifteen hours of credit, is required, of which twelve hours must be included in the last sixteen necessary for the life certificate.

Students coming with advanced standing from other institutions must either take the required practice teaching or satisfy the Director of Teacher Training of their fitness to teach.

* Satisfies the special methods requirement, also of all candidates for the degree of bachelor of science in education who are preparing to teach in high school.

ONE-YEAR STATE CERTIFICATE.

This certificate is issued to those who have sixteen units of high-school work as outlined below, who have been in residence one semester and have done full work, and who apply for the certificate. The student who is an accredited high-school graduate upon entrance, and who seeks this certificate, must be in residence one semester and submit not less than fifteen hours credit in college courses in which high-school work does not satisfy requirements, aside from required physical-training practice.

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.

Oral English, 1 unit.

Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, $1\frac{1}{2}$ units.

Geometry, $1\frac{1}{2}$ units.

Arithmetic, 1 unit.

Bookkeeping, $\frac{1}{2}$ unit.

Required: Two and one-half units, one-half unit being arithmetic or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted:

Botany, 1 unit.

Physics, 1 unit.

Agriculture, $1\frac{1}{2}$ units.

Geography, $1\frac{1}{2}$ units.

Physiology, $\frac{1}{2}$ unit.

Required: Three units, one-half unit being geography and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted:

American history, $1\frac{1}{2}$ units.

European history, 2 units.

Civics, $\frac{1}{2}$ unit.

Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted:

Methods and management, $\frac{1}{2}$ unit.

Psychology, $\frac{1}{2}$ unit.

Required: One unit.

GROUP 6.—ARTS.

May be submitted:

Drawing, 2 units.

Music, 3 units.

Physical training, $\frac{1}{2}$ unit.

Manual training, 2 units.

Domestic science or domestic art, 2 units.

Penmanship, 1 unit.

Required: One unit.

ELECTIVE.

Required: Four units.

A one-year state certificate, valid in rural schools and in graded schools where not more than five teachers are employed, will be given to persons who are graduates of accredited high schools and who are in residence for one Summer Term, and complete work giving eight and one-half hours' credit with one-half hour's credit in physical-training practice, in professional work including Methods in Elementary Instruction, or Methods in Rural School Instruction.

The one-year state certificate will be granted to persons applying for it, who are graduates of accredited high schools, who have been in residence one summer term in which they earn credit of not less than eight semester hours aside from one-half hour's credit in physical training practice, and who have a total credit of not less than thirty semester hours aside from the physical-training requirement, which must include Methods in Elementary Instruction, or Methods in Rural School Instruction, and not less than four additional hours of professional work.

THREE-YEAR STATE CERTIFICATE.

This certificate will be issued to all persons applying for it, who are graduates of accredited high schools, who have been in residence one semester with credit of not less than fifteen hours aside from physical training practice, and who have a total credit of thirty-two hours, including two hours of physical training practice. The work required is as follows:

From the Department of English, or Public Speaking and Expression, 3 hours.

General Psychology, 3 hours.

Methods in Elementary Instruction, or Methods in Rural School Instruction, 3 hours.

Advanced Arithmetic, 4 hours.

Geography, 3 hours.

American History or Government, 3 hours.

Physiology, 3 hours.

Music, Drawing, Home Economics, Manual Training, or Book-keeping and Penmanship, 4 hours.

Physical Training Practice, 1 hour each semester.

Elective, 4 hours.

If the above courses, except English or Public Speaking and Expression, Methods in Elementary Instruction, or Methods in Rural School Instruction, and Physical Training, have been fully represented in the work submitted for College entrance, they may be omitted from the work for this certificate, but other College courses must be offered as elective for a like number of hours.

SPECIAL CERTIFICATES AND DIPLOMAS.

CERTIFICATES FOR SPECIAL PROFICIENCY, ISSUED ONLY IN CONNECTION WITH THE LIFE CERTIFICATE.

Students who intend to obtain the Life Certificate before completing the four-year College course are expected to choose one of the following groups in order to secure a Certificate of Special Proficiency in some

field of elementary school work. The following Certificates for Special Proficiency are issued:

1. Kindergarten Teaching.
2. Primary Teaching.
3. Intermediate and Grammar-grade Teaching.
4. Junior High School, or Departmental Teaching.
5. Rural School Teaching.

KINDERGARTEN TEACHING.

Required, a major of 25 hours, as follows:

Kindergarten Technics	2 hours.
Kindergarten and Primary Handwork	3 hours.
Kindergarten Theory	3 hours.
Primary Methods	4 hours.
Kindergarten Teaching	8 hours.
Kindergarten Program	3 hours.
Kindergarten and Primary Music Methods	2 hours.

Elective, a minor group of 13 hours selected with the approval of the student's Adviser from the following:

Plays and Games	2 hours.
Drawing:	
Free-hand I	} 2-6 hours.
Blackboard Drawing	
Free-hand Drawing II	
Clay Modeling	
Art Appreciation	
Children's Literature	3 hours.
Child Psychology	2 hours.
Story Telling	3 hours.
School and Personal Hygiene	2 hours.
Primary Teaching	2-4 hours.
Fundamentals of Expression	3 hours.
Music:	
Sight Singing	} 2-6 hours.
Advanced Music Methods	
Piano	
Music Appreciation	
Science and Nature Study:	
Field Zoölogy	} 2-8 hours.
Plant Life	
Chemistry of Every-day Life	
Physics of Common Things	
History	3 hours.
English Literature	2-4 hours.
Ethics	3 hours.
Sociology	3 hours.
Home Economics	4 hours.

PRIMARY TEACHING.

Required, a major of 23 hours, as follows:

Primary Methods	4 hours.
Child Psychology	2 hours.
Drawing:	
Blackboard Drawing	2 hours.
Handwork	2 hours.
Music:	
Sight Singing	2 hours.
Kindergarten and Primary Music Methods....	2 hours.

Nature Study:

Animal Life or Field Zoölogy	2 hours.
Plant Life	2 hours.
Hygiene and Sanitation or School and Personal Hygiene	3 hours.
Methods in Elementary History I.....	2 hours.
Story Telling or Children's Literature.....	3 hours.

Elective, a minor group of 15 hours selected with the approval of the student's Adviser from the following:

Primary Teaching	2 hours.
Kindergarten Courses	9 hours.
Kindergarten Teaching	8 hours.
Plays and Games	2 hours.
Fundamentals of Expression	3 hours.
Drawing:	
Free-hand I	} 2-6 hours.
Free-hand Drawing II	
Clay Modeling	
Art Appreciation	
Music:	
Advanced Music Methods... ..	} 2-6 hours.
Piano	
Music Appreciation	
American or English History	3 hours.
Physics of Common Things.....	2 hours.
English:	
Shakespeare Comedies	} 2-4 hours.
Tennyson's Idylls of the King.	
Ethics	3 hours.
Sociology	3 hours.
Geography	2 hours.
Home Economics (Art or Science).....	4 hours.
Methods in Elementary Arithmetic	2 hours.

INTERMEDIATE AND GRAMMAR-GRADE TEACHING.

Required, a major group of 25 hours as follows:

Special Methods Courses from the following:

Arithmetic for the grades, 2 hours	} 8 hours.
History for the grades, 2 hours	
English for the grades, 2 hours	
Geography for the grades, 2 hours	
Science for the grades, 2 hours	
Manual Training or Home Economics	4 hours.
Music	4 hours.
Drawing	4 hours.
Child Psychology	2 hours.
From the following:	
Educational Sociology, 3 hours	} 3 hours.
Plays and Playground Games, 3 hours	
First Aid to the Injured, 1 hour	
Industrial Botany, 2 hours	
School Gardening, 1 hour.....	

Elective, a minor group of 13 hours selected with the approval of the student's Adviser from one of the following groups:

Group I:

Agronomy	4 hours.
School Gardening	1 hour.
Industrial Botany	2 hours.

Economic Biology	4 hours.
Geology of Kansas	2 hours.
Nature Study	2 hours.
Agricultural Bacteriology	3 hours.
Hygiene and Sanitation	3 hours.
First Aid to the Injured	1 hour.
Physiography	3 hours.
Economic and Industrial Geography	3 hours.
Chemistry of Every-day Life	3 hours.
Farm Physics	4 hours.
Physics of Common Things	2 hours.

Group II:

Fundamentals of Expression	3 hours.
American Literature	3 hours.
Children's Literature	3 hours.
The Short Story	2 hours.
American History	3 hours.
European History	3 hours.
Industrial and Social History of England	2 hours.
General Economics	3 hours.
General Sociology	3 hours.

Group III:

History of Modern Education	3 hours.
Primary Methods	4 hours.
Handwork	3 hours.
Plays and Games	2 hours.
Educational Psychology	3 hours.
Psychology of Adolescence	3 hours.
Social Psychology	2 hours.
Ethics	2 hours.
Methods in Penmanship	2 hours.
Methods in Physical Training	2 hours.
Rural Life Problems	3 hours.
School Administration	2 hours.
Advanced Practice Teaching and Supervision.	2 hours.
Advanced Arithmetic	4 hours.

JUNIOR HIGH SCHOOL OR DEPARTMENTAL TEACHING.

Required, a major group of 25 hours as follows:

Special Methods Courses from the following:

Arithmetic for the grades, 2 hours.....	} 8 hours.
English for the grades, 2 hours.....	
History for the grades, 2 hours.....	
Geography for the grades, 2 hours.....	
Science for the grades, 2 hours.....	
Child Psychology.....	2 hours.
Educational Sociology.....	3 hours.
Plays and Playground Games.....	2 hours.
First aid to the Injured.....	1 hour.
From any one of the three groups listed as the minor for the Intermediate and Grammar grade Teaching	9 hours.

Elective, a minor group of 13 hours selected with the approval of the student's Adviser, from any one of the following departments in the College, or from two allied departments:

Latin	15 hours.
German or French or Spanish.....	15 hours.
English	15 hours.
Mathematics	15 hours.

History and Government.....	15 hours.
Geography	15 hours.

RURAL SCHOOL TEACHING.

Required, a major group of 25 hours as follows:

Special Methods Courses from the following:	
Arithmetic for the grades, 2 hours.....	} 6 hours.
History for the grades, 2 hours.....	
English for the grades, 2 hours.....	
Geography for the grades, 2 hours.....	
Science for the grades, 2 hours.....	
Playground Supervision and Instruction.....	2 hours.
Rural-life Problems	3 hours.
Drawing and Handwork I or II.....	2 hours.
Primary Methods	4 hours.
Child Psychology	2 hours.
Agriculture	4 hours.
Farm Accounting	2 hours.

Elective, a minor group of 13 hours selected with the approval of the student's Adviser from the following group:

Arithmetic	4 hours.
Physics of Common Things.....	2 hours.
Nature Study	2 hours.
Manual Training or Home Economics.....	4 hours.
Bacteriology	4 hours.
Rural-school Music	3 hours.
Hygiene and Sanitation	3 hours.
Rural Economics	3 hours.
Chemistry of Every-day Life	3 hours.
State and County Administration	3 hours.
First Aid to the Injured	1 hour.
History, American or European	3 hours.
Story Telling	3 hours.
Public Speaking	3 hours.
Economic and Industrial Geography	3 hours.

SPECIAL HIGH-SCHOOL CERTIFICATES.

Section 6, senate bill 313, session of 1915, provides that:

"Each of said institutions (Kansas State Normal School, State Manual Training Normal School, and the Fort Hays Kansas Normal School) shall have power to issue certificates to teach Manual Training, Domestic Science, Agriculture, Commercial Subjects, Drawing, Music or other occupational subjects upon the completion of such course of study as may be prescribed by the faculty of said institutions and approved by the State Board of Educational Administration."

In accordance with this act of the legislature, the Faculty of this institution has provided for the following special high-school certificates to be issued for a period of three years and renewable for a like period upon the completion of thirty additional hours of work. This certificate may be issued in connection with the Life Certificate or not as the student desires. Students seeking any special high-school certificate should work under the direction of the head of the department.

FOR SPECIAL CERTIFICATE TO TEACH AGRICULTURE IN HIGH SCHOOL, AND THE LIFE CERTIFICATE.

ACADEMIC:

Rhetoric and Composition	6 hours.
English Literature or Public Speaking	3 hours.

Elective:

Geology of the United States	4 hours.
Systematic Zoölogy	2 hours.
Rural Economics, General Economics or Rural Life Problems	3 hours.
Physical Training Practice, each semester	1 hour.

EDUCATION:

General Psychology	3 hours.
Methods in Elementary Instruction or Methods in Rural School Instruction	3 hours.
School Administration	2 hours.
Special Methods:	
In Agriculture	2 hours.
In High-school Science	2 hours.

AGRICULTURE:

Agronomy	4 hours.
Animal Husbandry	4 hours.
Farm Management	4 hours.
Practice Teaching	4 hours.
Horticulture and Forestry	4 hours.
School Gardening and Landscape Art.....	2 hours.
Soils	2 hours.
Feeds and Feeding.....	2 hours.
Dairying	2 hours.

Elective, a minimum of 2 hours, from:

Farm Physics	5 hours.
Farm Carpentry	4 hours.
Farm Accounting	2 hours.
Chemistry	5 hours.
Bacteriology	4 hours.
Botany	4 hours.
Physics	5 hours.
Animal Ecology	4 hours.

FOR SPECIAL CERTIFICATE TO TEACH COMMERCE IN HIGH SCHOOL, AND THE
LIFE CERTIFICATE.

ACADEMIC:

Rhetoric and Composition.....	6 hours.
English Literature, or Public Speaking.....	3 hours.
General Economics	3 hours.
Economic and Industrial Geography.....	3 hours.
Elective	3 hours.
Physical Training Practice (each semester)	1 hour.

EDUCATION:

Methods in Elementary Instruction or Methods in Rural-school Instruction	3 hours.
School Administration	2 hours.
General Psychology	3 hours.

COMMERCE:

Accounting	8 hours.
Business Law	3 hours.
Shorthand	8 hours.
Typewriting	3 hours.
Office Training	2 hours.
Commercial Arithmetic	2 hours.
Special Methods:	
Principles and Methods in Commercial Educa- tion	2 hours.
Penmanship Methods	2 hours.
Practice Teaching	4 hours.

FOR SPECIAL CERTIFICATE TO TEACH DRAWING IN HIGH SCHOOL, AND THE
LIFE CERTIFICATE.

ACADEMIC:

English Composition and Rhetoric.....	6 hours.
Advanced English Composition.....	2 hours.
Fundamentals of Expression.....	3 hours.
Sewing and Textiles.....	4 hours.
History of Greece.....	3 hours.
European History during the Middle Ages.....	3 hours.
Elective	2 hours.
Physical Training Practice (each semester)....	1 hour.

EDUCATION:

General Psychology	3 hours.
Methods in Elementary Instruction or Methods in Rural-school Instruction	3 hours.
School Administration	2 hours.

DRAWING:

Free-hand Drawing I.....	2 hours.
Free-hand Drawing II.....	3 hours.
Drawing and Handwork I	2 hours.
Methods of Teaching Drawing I and II.....	4 hours.
Elementary Design	4 hours.
Blackboard Drawing	2 hours.
History of Art.....	2 hours.
Practice Teaching	4 hours.

Electives, nine hours, from the following:

Applied Arts	3 hours.
Advanced Study of Dark and Light Values.....	4 hours.
Advanced Study of Color Values and Harmonies,	4 hours.
Clay Modeling	2 hours.
Basketry I	2 hours.
Basketry II	1 hour.
Drawing and Handwork II.....	2 hours.

FOR SPECIAL CERTIFICATE TO TEACH HOME ECONOMICS IN
HIGH SCHOOL, AND THE LIFE CERTIFICATE.

ACADEMIC:

Rhetoric and Composition	6 hours.
English Literature or Fundamentals of Expres- sion	3 hours.
General Chemistry	5 hours.
Elementary Free-hand and Construction Draw- ing	3 hours.
Physiology of Alimentation	2 hours.
Household Bacteriology	3 hours.
Physical Training Practice (each semester)....	1 hour.

Elective:

Special Methods in Drawing or Science.....	2 hours.
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EDUCATION:

Practice Teaching	4 hours.
Methods in Elementary Instruction or Methods in Rural-school Instruction	3 hours.
School Administration	2 hours.
General Psychology	3 hours.

HOME ECONOMICS:

Foods I	4 hours.
Foods II	4 hours.
Textiles and Sewing.....	4 hours.
Drafting	4 hours.

Applied Costume Design.....	4 hours.
Design I	5 hours.
Methods in Home Economics.....	2 hours.

FOR SPECIAL CERTIFICATE TO TEACH MANUAL TRAINING IN HIGH SCHOOL,
AND THE LIFE CERTIFICATE.

ACADEMIC:

Composition and Rhetoric.....	6 hours.
English Literature or Fundamentals of Expression	3 hours.
Drawing (Free-hand and Design I).....	9 hours.
Mathematics (Shop Problems).....	3 hours.
Elective	2 hours.
Physical Training Practice (each semester)	1 hour.

EDUCATION:

Methods in Elementary Instruction or Methods in Rural-school Instruction	3 hours.
School Administration	2 hours.
General Psychology	3 hours.

MANUAL TRAINING:

Mechanical Drawing	4 hours.
Woodworking	4 hours.
Farm Carpentry	4 hours.
Joinery and Cabinet Making.....	4 hours.
Furniture Construction	4 hours.
Woodturning	4 hours.
Special Methods (Theory and Practice).....	2 hours.
Special Methods (elective).....	2 hours.
Practice Teaching	4 hours.

FOR SPECIAL CERTIFICATE TO TEACH MUSIC IN HIGH SCHOOL AND
LIFE CERTIFICATE.

ACADEMIC:

Rhetoric and Composition.....	6 hours.
Public Speaking or English.....	3 hours.
Elective	6 hours.

EDUCATION:

Methods in Elementary Instruction or Methods in Rural School Instruction.....	3 hours.
School Administration	2 hours.
General Psychology	3 hours.
Kindergarten and Primary Music Methods.....	2 hours.
Music Methods for the Grades.....	2 hours.
Practice Teaching in Music.....	6 hours.
Physical Training Practice (per semester)	1 hour.

MUSIC:

Sight Singing:

Advanced Sight Singing.....	2 hours.
Intermediate Sight Singing.....	2 hours.
Advanced Sight Singing for Supervisors.....	2 hours.

Harmony, Theory and History:

Elementary Theory and Ear Training.....	2 hours.
Harmony I	2 hours.
Harmony II	2 hours.
History and Appreciation I.....	2 hours.
History and Appreciation II.....	2 hours.
Musical Materials (including Chorus and Conducting)	2 hours.
Ensemble	2 hours.
Types of Community Music and Related Forms..	2 hours.

Applied Music:

Voice—Intermediate and Certificate Years.....	4 hours.
Piano—Intermediate and Certificate Years; one semester Accompanying	4 hours.

Sight singing and some study in voice or piano are desirable prerequisites in the case of students who aim to secure this certificate in two years. For students who wish to supervise music in the grades one year's successful teaching experience is essential.

FOR SPECIAL CERTIFICATE TO TEACH PHYSICAL TRAINING IN HIGH SCHOOL,
AND THE LIFE CERTIFICATE.

(Certificate issued for work in men's department.)

ACADEMIC:

Composition and Rhetoric.....	6 hours.
English Literature, or Public Speaking.....	3 hours.
Histology	2 hours.
General Sociology	3 hours.
Social Psychology	2 hours.
First Aid to the Injured.....	1 hour.
Child Psychology	2 hours.
Chemistry of Every-day Life.....	3 hours.

EDUCATION:

Methods in Elementary Instruction, or Methods in Rural School Instruction.....	3 hours.
School Administration	2 hours.
General Psychology	3 hours.
Practice Teaching	4 hours.

PHYSICAL TRAINING:

Anatomy	5 hours.
Advanced Physiology	3 hours.
Playground Supervision and Instruction.....	3 hours.
History of Physical Education.....	2 hours.
Theory of Coaching.....	3 hours.
Applied Anatomy	2 hours.
Anthropometry	1 hour.
Massage	1 hour.
General Technique (Methods in Physical Training)	2 hours.
Advanced Technique	3 hours.
Physiology of Exercise.....	3 hours.
Physical Training Practice (each semester)....	1 hour.

FOR SPECIAL CERTIFICATE TO TEACH PHYSICAL TRAINING IN HIGH SCHOOL,
AND THE LIFE CERTIFICATE.

(Certificate issued for work in women's department.)

ACADEMIC:

Composition and Rhetoric.....	6 hours.
Story Telling	3 hours.
Fundamentals of Expression.....	3 hours.
Physiology	3 hours.
Plays and Games.....	2 hours.
Handwork	2 hours.
First Aid	1 hour.
Hygiene and Sanitation.....	3 hours.

EDUCATION:

Methods in Elementary Instruction or Methods in Rural-school Instruction	3 hours.
School Administration	2 hours.

General Psychology	3 hours.
Child Psychology	2 hours.
Special Methods	4 hours.
Practice Teaching	2 hours.

PHYSICAL TRAINING:

Advanced Technique	3 hours.
History of Physical Education.....	2 hours.
Playground Supervision and Instruction.....	3 hours.
Anatomy	5 hours.
Applied Anatomy	2 hours.
Massage and Remedial Gymnastics.....	3 hours.
Management of Girls' Athletics.....	1 hour.
Practice Teaching	4 hours.
Physical Training Practice (each semester)....	1 hour.

If a student wishes a Special Certificate to teach one subject in high school, and does not wish the Life Certificate, the following subjects are recommended:

English	4 hours.
Mathematics	8 hours.
Science	8 hours.
Occupational (for example, Agriculture).....	24 hours.
Practice Teaching in the Occupational Courses..	4 hours.
Education	12 hours.
Physical Training Practice (each semester)....	1 hour.

If a student wishes a Special Certificate for teaching two subjects, and does not wish the Life Certificate, the following outline of work is recommended:

As a major (for example, Manual Training), a minimum of	24 hours.
As a minor (for example, Agriculture), a minimum of	12 hours.
Academic	16 hours.
Education	8 hours.
Physical Training Practice (each semester)....	1 hour.

If a student desires a Special Certificate to teach two high-school subjects, and the Life Certificate, the following work is required:

As a major (for example, Agriculture).....	24 hours.
As a minor (for example, Manual Training)....	12 hours.
Practice Teaching	4 hours.

The following courses required for the Life Certificate:

Rhetoric and Composition	6 hours.
English Literature, Public Speaking	3 hours.
Methods in Elementary Instruction or Methods in Rural-school Instruction	3 hours.
School Administration	2 hours.
General Psychology	3 hours.
Physical Training Practice (each semester)....	1 hour.
Elective	4 hours.

THE COLLEGE.

ADMISSION AND REGISTRATION.

(See statement, pages 16 and 17.)

NUMBER OF HOURS OF WORK.

Students are not permitted to register for work giving less than eight hours credit, including credit for one-half hour of physical training practice per semester, or without permission of the Committee on Extra Hours to register for work giving more than sixteen hours credit, including credit for one hour of physical training per semester. Application blanks for extra hours may be had of the Registrar. They should be filed with the committee within the time indicated for registration.

Students who earn part or all of their expenses while in school will not be permitted to elect full work. Students who work for board, or for room, or for the equivalent, will not be allowed to elect more than 14 hours not including Physical Training practice for one semester except by permission of the Committee on Extra Hours; those who work for both room and board, or for the equivalent, will not be permitted to elect more than 13 hours, not including Physical Training practice, for one semester except by permission of the Committee on Extra Hours.

EXTRA HOURS AND ADVANCED STANDING.

I. Sixteen hours, and one hour of physical training practice, shall be the maximum of work allowed a student in any semester. The only exceptions to this rule are as follows:

1. Where one or more of the subjects may be considered a review study.

2. Where the student has shown by his past record in the Normal that he is physically and mentally capable of doing extraordinary work.

3. Where in rare instances exceptional conditions, or records made in some other institution, warrant extra favors.

II. Fifteen units of credit obtained in a standard high school or institution of similar grade are necessary for admission to the College.

III. Extra units of credit obtained within the regular four years of high-school work do not establish a valid claim for advanced credit. If, however, the student has taken postgraduate work, he is at liberty to apply to the Committee on Advanced Standing for advanced credit, which may be granted under the following conditions:

1. That it must be in some line of work where actual attainment can be easily tested (preferably in ancient or modern language or mathematics, or some other field where teaching traditions and materials are standardized).

2. The student must show good high-school grades in the subject for which he expects advanced credit.

3. The student must apply for his credit during his first semester of residence.

4. No credit shall be granted until the student's first semester of Normal College grades shall have been inspected and his record in the College work found satisfactory.

5. No credit shall be given except by the Committee on Advanced Standing, and on recommendation by the department in which credit is asked, this recommendation to be based upon examination or advanced work in the department.

IV. Credits obtained in another standard college or normal school shall be given full recognition when found to have been obtained under regulations involving as high standards as those of this institution. No more than seventeen hours credit, however, can be obtained for the work of any one semester in another institution, except in rare instances where conditions were so favorable that the student might unquestionably have secured the extra hours privilege in this institution.

V. No credit shall be allowed for irregular educational work, like teaching in institutes, or for high grades on certificates, nor shall successful educational experience constitute a presumptive claim for advanced standing. Recognition of long and meritorious service, which can be shown to have been really educational, however, may be made by the Committee on Advanced Standing, based upon departmental examination wherever possible.

COLLEGE CREDIT.

College credits are estimated in hours. A semester hour of credit is earned by the student who carries a course through one semester (eighteen weeks), the recitation period being one hour, with a preparation period approximately double the time spent in recitation. Likewise, an hour of credit is earned by the student who carries a course a half semester (nine weeks), the class meeting twice a week, the recitation period being one hour, with a preparation period approximately double the time spent in recitation. Laboratory courses or courses with little or no preparation carry half the credit of other courses.

OLD COURSES OF STUDY.

The following statement of equivalents is made for the benefit of graduates of courses of study formerly given. Those who wish to continue their work will find here their standing in terms of semester hours of credit. The requirements for the several certificates now given, as well as for the degree of bachelor of science in education, are indicated in their respective places. These are taken at full value in meeting present requirements.

They have, in addition to sufficient work for college entrance, credit value as follows:

Elementary, 32 hours.

English, 64 hours.

English-German, 64 hours.

Latin, 64 hours.

COLLEGE COURSES.

For purposes of classification of College courses the four years' work is divided into Junior College and Senior College. The work of the Freshman and Sophomore years makes up the Junior College; that of the Junior and Senior years, the Senior College. Although this classification is not rigid it is recommended that students will, in order to avoid irregularity, take courses in the order in which they are given; that is, a student of Junior College rank will take Junior College courses; students of Senior College Rank will take Senior College courses.

No student having less than thirty hours credit may be admitted to Senior College courses. This will be construed to mean that when any department head admits freshmen to Senior College courses, these courses are reduced to the rank of Junior College courses.

Courses of Senior College grade are open to students in the Junior College if these courses are required for a special certificate.

Courses of Junior College grade listed in this catalogue bear numbers from 1 to 49, inclusive; courses of Senior College grade bear numbers from 50 to 99, inclusive.

No Junior College course will be offered unless registered for by twelve students; no Senior College course unless registered for by seven students.

The Summer Term of eight weeks and the first and second semesters of eighteen weeks each, indicated as the time when the courses are given, make up the school year, opening May 31, 1917, and closing May 29, 1918.

Agriculture.

Professor PHIPPS.
Mr. ROSKE, Instructor.

A special certificate to teach agriculture in Kansas high schools is issued for work in this department. For requirements for the certificate, see page 48.

1.—AGRONOMY. *Four hours credit.*

Summer Term, and each semester.

No prerequisite. This is a general course in the study of field crops. (Roske.)

2.—ANIMAL HUSBANDRY. *Four hours credit.*

Summer Term, and each semester.

No prerequisite. The course includes the study of types and breeds of our farm animals. (Roske.)

3.—DAIRYING. *Two hours credit.*

Summer Term, and first half First Semester.

Prerequisite, Animal Husbandry. Course includes a study of dairy cattle and the dairy industry, the production of milk and its products; the composition and testing of milk and milk products; by-products of the dairy cow; state and United States dairy laws; butter and cheese factories. (Phipps.)

4.—FEEDS AND FEEDING. *Two hours credit.*

Second half, First Semester, alternating with Dairying.

Prerequisite, Animal Husbandry Agronomy. Course includes a study of plant growth and animal nutrition; feeding standards and rations; feeding stuffs; manurial value of feeding stuffs; principles of feeding farm animals; and general problems in animal production. (Phipps.)

5.—HORTICULTURE AND FORESTRY. *Four hours credit.*

Second Semester.

No prerequisite. Course includes study of fruits, both large and brush fruits, vegetables, and vegetable gardening. Care of orchards, sprays and spraying, and pruning of fruit trees, diseases, common insects, and their control, etc. A brief study of forestry and the farm woodlot, wooden building materials and their preservation, and planting trees on waste lands, is also given in this course.

6.—SCHOOL GARDENING. *One hour credit.*

Summer Term and each semester.

No prerequisite. School and home garden plans, vegetables, hotbeds and practical gardening work are taken up.

50.—SOILS. *Two hours credit.*

Summer Term and first half, Second Semester.

Prerequisite, Agronomy and Animal Husbandry. This course includes the study of the origin, composition, types, tilth and fertility of soils.

51.—METHODS IN TEACHING AGRICULTURE. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, at least one year of Agriculture in college department. The course includes a study of the materials and methods used in teaching agriculture in our public schools.

52.—FARM MANAGEMENT. *Four hours credit.*

Summer term, and First Semester.

Prerequisite, one year in Agriculture. This course includes a consideration of managerial problems, farm buildings and equipment.

53.—LANDSCAPING. *One hour credit.*

Summer Term, and Second Semester.

The course includes the study of arrangement of trees, shrubs, flowers, etc., on school and home grounds and in public places, and the combinations of hardy plants for best landscape effect. Designing gardens and landscape planting plans form the principal line of work in the course.

Art.

Professor GRIDLEY.

Mrs. ECKDALL, Instructor.

Miss MORRISON, Instructor.

Miss WOOSTEE, Instructor.

A special certificate to teach drawing in Kansas high schools is issued for work in this department. For requirements for the certificate, see page 50.

1.—FREE-HAND DRAWING I. *Two hours credit.*

Summer Term, and each Semester.

Free-hand outline drawing with pencil, charcoal and crayon; principles of perspective; elementary composition, including decorative rendering in outline, flowers, landscape and still life.

- 3.—FREE-HAND DRAWING II. *Three hours credit.*
 Summer Term, and each Semester.
 Prerequisite, Free-hand Drawing I. Free-hand mass drawing in charcoal and water color. An elementary study of dark and light values. Color schemes developed and original compositions in landscape, still life and nature forms made with the brush in water and tempera. Simple water-color drawings made from nature.
- 5.—ADVANCED STUDY OF DARK AND LIGHT VALUES. *Four hours credit.*
 Summer Term, and Second Semester.
 Junior or Senior College. Prerequisites, Free-hand Drawing I and II. Advanced problems in composition rendered with charcoal and brush in dark and light. Still life, landscape, and nature forms.
- 6.—ADVANCED STUDY OF COLOR VALUES AND HARMONIES.
Four hours credit.
 Summer Term, and Second Semester.
 Prerequisites, Free-hand Drawing I and II. Advanced problems in color harmonies and composition rendered in water color. Still life, landscape, flowers, etc.
- 7.—ELEMENTARY FREE-HAND AND CONSTRUCTION DRAWING.
Three hours credit.
 Summer Term, and First Semester.
 Free-hand drawing with the pencil; the principles of perspective applied to drawing interiors; working drawings. This course is especially planned for students taking courses in Household Arts.
- 8.—METHODS OF TEACHING DRAWING I. *Two hours credit.*
 Summer Term, and First Semester.
 Prerequisites, courses 1, 3 and 11. Methods of teaching drawing and applied art to children below the grammar grade. This course is a prerequisite for teaching drawing in the intermediate grades in the Normal Training School.
 Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.
- 9.—METHODS OF TEACHING DRAWING II. *Two hours credit.*
 Summer Term, and Second Semester.
 Prerequisites, courses 1 and 3, and courses 6 or 4. Methods of art education for teachers in the upper grades and high schools. Prerequisite for teaching drawing in the eighth grade in the Normal Training School.
 Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.
- 11.—DRAWING AND HANDWORK I. *Two hours credit.*
 Summer Term, and each Semester.
 No prerequisite. Elementary water color and design; weaving, modeling, paper cutting and other practical handwork for use in the lower grades and the rural schools.
- 12.—DRAWING AND HANDWORK II. *Two hours credit.*
 Summer Term, and First Semester.
 Handwork adapted to children above the fifth grade.
- 13.—BLACKBOARD DRAWING. *Two hours credit.*
 Summer Term, and each Semester.
 Prerequisite, Free-hand Drawing I or its equivalent. Practice in blackboard drawing, using chalk and charcoal. The purpose of the course is to give the facility with the chalk for general illustrative purposes in the classroom.

- 14.—CLAY MODELING. *Two hours credit.*
 Summer Term, and each Semester.
 No prerequisite. Elementary modeling of clay suitable for the lower grades, also more advanced work for high schools.
- 16.—BASKETRY I. *Two hours credit.*
 Summer Term and each Semester.
 Instruction in weaving raffia mats, baskets, trays, etc.
- 17.—BASKETRY II. *One hour credit.*
 Summer Term, and each Semester.
 Instruction in reed weaving.
- 50.—DESIGN I. *Five hours credit.*
 Summer Term and Each Semester.
 Prerequisite, Free-hand Drawing I or Elementary Free-hand and Construction Drawing. Study of historic ornament; original designs applied to materials in Art Needlework; costume design. This course is prerequisite for certain courses in Household Arts.
- 51.—DESIGN II. *Two hours credit.*
 Summer Term and Each Semester.
 Prerequisite, Drawing I or Free-hand and Construction Drawing. Principles of Design, problems involving the principles of rhythm, balance and harmony, original designs for stenciling, wood carving, etc.
- 52.—APPLIED ARTS. *Three hours credit.*
 Summer Term, and First Semester.
 Prerequisite, courses 1 and 6 or the equivalent. Instruction and practice in applying designs to the processes of silversmithing, copersmithing, leather tooling, etc.
- 54.—COMMERCIAL DESIGN. *One hour credit.*
 Summer Term, and each Semester.
 Prerequisites, Free-hand Drawing I or course 7, and Free-hand drawing II or course 6 or 50. Instruction and practice in decorative lettering and poster design.
- 20.—PICTURE STUDY IN THE GRADES. *Two hours credit.*
 Methods of teaching children to become acquainted with and interested in good pictures.
- 56.—HISTORY OF ART I. *Two hours credit.*
 Second Semester.
 A brief survey of the history of architecture.
- 57.—HISTORY OF ART II. *Four hours credit.*
 Second Semester.
 A study of the history of modern painting.
- 58.—HISTORY OF ART III. *Two hours credit.*
 First Semester.
 A brief study of American art.
- 60.—SEMINAR COURSE I. *One hour credit.*
 Current literature concerning present-day art and artists.
- 61.—SEMINAR COURSE II. *One hour credit.*
 A survey of the history and trend of art education in the public schools.

62.—ART APPRECIATION. *Three hours credit.*

Summer Term, and Second Semester.

A study of the world's great masterpieces of art with reference to recognized principles of art as applied to architecture, sculpture and painting.

Biology and Geology.

Professor WOOSTER.

Associate Professor AGRELIUS.

THE SCIENCE OF ORGANISMS—ZOÖLOGY.

1.—ANIMAL ECOLOGY. *Five hours credit.*

Each Semester.

No prerequisite. Classes meet in laboratory and recitation daily. This course includes the work given in Field Zoölogy and Animal Life, and gives work on birds and insects and an elementary study of animal development and method of survival in the struggle for existence. It is especially intended for those who have not had zoölogy in the high school.

1a.—FIELD ZOÖLOGY. *Two hours credit.*

Summer Term.

No prerequisite. Classes meet in laboratory and recitation daily. This course is intended for those who have not taken an equivalent course in zoölogy in the high school, and desire to gain a knowledge of insects and birds for use in nature study, agriculture and other natural history work.

Methods of teaching science in the grades are given with this course. The course may be taken also during the first half of the first semester and during the second half of the second semester as a part of animal ecology.

1b.—ANIMAL LIFE. *Three hours credit.*

Second half of First Semester and first half of Second Semester.

No prerequisite. This course is given as a part of the course in animal ecology, and may be used as a methods course for teaching science in the grades or in high schools. It is an ideal course for the study of the philosophy of life and of living.

4.—ECONOMIC BIOLOGY. *Five hours credit.*

Each Semester.

No prerequisite. Classes meet in laboratory and recitation daily. This course includes the work given in Industrial Botany and Systematic Zoölogy, and embraces a study of the structure and functions of representative animals and plants and of their relationship to the home, shop, garden and farm. This course also gives a study of the embryology, development and evolution of plants and animals.

4a.—INDUSTRIAL BOTANY. *Two hours credit.*

Summer Term.

No prerequisite. Classes meet in recitation and laboratory work daily. In this course plants are studied in their home, shop, garden and farm relations with a minimum of pure botany. Nearly fifty experiments are performed by members of the class to show soil relations of plants, their methods of food making and their specific usefulness to man. This course may be taken also during the first half of the first semester and the second half of the second semester as part of Economic Biology.

4b.—SYSTEMATIC ZOÖLOGY. *Three hours credit.*

Second half of First Semester and first half of Second Semester.

No prerequisite. This course is regularly given as a part of the course in economic biology, and gives a brief but fairly satisfactory study of the development or evolution of animal life. It also emphasizes the importance of a knowledge of the various pathogenic forms of animals, especially those which seriously endanger human health and that of the domestic animals.

ENVIRONMENTAL SCIENCE—GEOLOGY.

50.—GEOLOGY OF THE UNITED STATES. *Five hours credit.*

Each Semester.

No prerequisite, but some knowledge of zoölogy is desirable as a preparation for the second half of this subject. Geology comprises a study of the dynamical, structural and historical geology of our country, and includes laboratory and field work. It is a very necessary preparation for the teaching of physical geography and for the full understanding and enjoyment of all natural scenery.

7.—GEOLOGY OF KANSAS. *Two hours credit.*

Summer Term.

No prerequisite. Daily, laboratory and recitation. This brief course in Kansas geology comprises studies in soil, climate, forest, and the subjacent rock formations with their included forms of extinct life; and the geological work of wind, rain, air, moisture and running water, all with especial reference to understanding the physical features of our state.

THE SCIENTIFIC METHOD—SCHOOL SCIENCE.

8.—NATURE STUDY. *Two hours credit.*

Summer Term.

Junior College. No prerequisite. The course in nature study treats of the methods of teaching natural history in the grades, and will be illustrated with numerous nature-study lessons.

8a.—METHODS IN ELEMENTARY SCIENCE. *Two hours credit.*

Summer Term and each Semester.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

Confer with the instructor before registering for this course. The selection of subject-matter and the best methods of presentation for the different grades is emphasized. The work includes plant and animal life, physics, chemistry, hygiene, and sanitation in their elementary phases as they affect the life of the child in relation to his environment. The topics are considered from the standpoint of their relation to the course of study and to the other subjects in the curriculum. Emphasis is laid upon the social and economic phases of the subject. (Billig.)

51.—GENERAL SCIENCE COURSE. *Four hours credit.*

Each Semester.

This course is intended to give a general preparation for teaching general science in the Junior High School. It includes methods of teaching the biological sciences in the high schools, as well as full discussions of science teaching in general and lessons on the subject matter.

BOTANY.

Mr. AGRELIUS.

9.—DEVELOPMENTAL BOTANY OF SPORE PLANTS. *Three hours credit.*Summer Term (*two hours credit*), and First Semester.

No prerequisite. This course includes a systematic study of the lower plants from the simplest upward, ending with the appearance of seeds. Special emphasis is placed on the economic forms of the bacteria and the fungi. It should be followed by the next course. Deposit, 75 cents.

10.—DEVELOPMENTAL BOTANY OF SEED PLANTS. *Three hours credit.*Summer Term (*two hours credit*), and Second Semester.

No prerequisite. This includes the study of the seed plants. It begins with the seed and its germination and follows the developing plant through its various stages, including maturity. Special attempt is made to give the course cultural and economic value. It supplements the previous course and, though a unit in itself, is preferably preceded by it. Deposit, 75 cents.

11.—PLANT ANATOMY. *Four hours credit.*

First Semester.

Prerequisite, courses 7 and 8, or their equivalent. Includes a study of the tissues of plants in relation to their function. A set of microscope slides is prepared. These are of much use in presenting the subject of botany in high schools. Deposit, \$1.

12.—PLANT NATURE STUDY. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, high-school botany, or its equivalent. The phases of plant life which may be profitably presented in the grades are determined. The modes of presenting such work, and the literature useful in teaching the subject, are studied.

52.—PLANT PHYSIOLOGY. *Three hours credit.*

Second Semester.

Prerequisite, courses 7 and 8, or their equivalent. This course embraces a study of the vital processes of plants—absorption, excretion, circulation, respiration—and is intended as a preparation of this phase of botany teaching in the high school. It deals with practical phenomena. Deposit, \$1.

53.—SYSTEMATIC BOTANY. *Two hours credit.*

Summer Term, and First Semester.

Prerequisite, courses 7 and 8. The classification of plants, especially those of the local flora; the preparation of an herbarium. Intended to acquaint teachers and others with the common and the scientific names of the more familiar plants, and to enable them to identify those less familiar; to assist teachers, especially of rural communities, in arousing an interest in their pupils for their local environment. Especially helpful to teachers of nature study. Deposit, \$1.

BACTERIOLOGY.

Mr. AGRELIUS.

A maximum credit of six hours may be allowed any student for graduation.

13.—GENERAL BACTERIOLOGY. *Four hours credit.*Summer Term (*three hours credit*), and First Semester.

No prerequisite. This is a general course in bacteriology. It includes the preparation and use of ordinary and special media and

stains, and other bacteriological technique, and a study of the distribution, dissemination, classification, and identification of bacteria. Special attention is given to those forms causing disease in man and other animals, and to immunity from these organisms; to water supplies; the disposal of sewage; and to individual and community hygiene. Deposit, \$2.

14.—AGRICULTURAL BACTERIOLOGY. *Three hours credit.*

Second Semester.

No prerequisite. This consists chiefly of laboratory work, and includes methods of growing and staining bacteria; a study of the kinds of especial interest to the farmer because of their relation to soil formation and fertility, to disease in live stock, and the dairy and other farm products. Deposit, \$2.

15.—HOUSEHOLD BACTERIOLOGY. *Three hours credit.*

Second Semester.

No prerequisite. This treats of the preparation of media, for growing bacteria and molds; of the staining of these organisms; of their forms and functions; and of their relation to the home. It includes the preservation of fruit; the effect of bacteria on milk, butter and other foods; the location of wells and the care of the same; the disposal of wastes; and the lighting and the furnishing of the home as affecting the health of its occupants. Deposit, \$2.

Chemistry.

Professor MAYBERRY.

The Chemistry Department occupies commodious quarters in Norton Science Hall. In addition to a large lecture room with a demonstration table there are two well-lighted laboratories, a weighing room, a storeroom and an office. Recently much valuable apparatus has been installed and such supplies purchased as will permit of the very highest grade of work in all lines of analytical chemistry. The object of the department is to give students a clear insight into this very important science and at the same time train teachers for successful instruction in our best high schools and academies. A fee is charged in each course to cover the actual cost of chemicals and breakages.

1.—GENERAL CHEMISTRY. *Five hours credit.*

Summer Term, each Semester, and the April-July Semester.

This is a course in inorganic chemistry. It includes a study of the fundamental principles and laws of the science, with a detailed study of both nonmetallic and metallic elements. Much practice in writing reactions and solving chemical problems is given. General experiments and demonstrations accompanying the daily recitations, and a minimum of four hours a week laboratory work is required.

2.—INORGANIC CHEMISTRY. *Five hours credit.*

Each Semester.

Prerequisite, Chemistry I. The work covered is practically the same, but of more advanced nature, intended for those who wish to teach chemistry or desire a more extended knowledge of the subject.

3.—QUALITATIVE ANALYSIS. *Five hours credit.*

Summer Term, and each Semester.

Prerequisite, course 1 and, if possible, course 2. This course covers the detection of metallic and nonmetallic ions and the analy-

sis of salts and ores. It is almost wholly a laboratory course. A minimum of eight hours laboratory work and one hour recitation each week is required.

4.—ORGANIC CHEMISTRY. *Three hours credit.*

Each Semester.

Prerequisite, course 3. The aim in this course is to give a comprehensive view of the various classes of hydrocarbons and their derivatives through the study of some selected types.

5.—ORGANIC ANALYSIS. *Three hours credit.*

Each Semester.

Prerequisite, course 4. There are two divisions in this course. Many experiments of a general nature are included in both divisions.

(a) General analysis—a course designed for students in agriculture and those interested in the analysis and tests of foods.

(b) Food analysis—a course designed for students in home economics and those interested in the analysis and tests of foods.

6.—CHEMISTRY OF EVERYDAY LIFE. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, course 1. This is a practical course designed to make clear the chemical phenomena of everyday life. Simple tests are applied to water, air, milk and other foods to determine their purity. A careful study is made of the use of soaps and the removal of stains.

7.—CHEMISTRY OF TEXTILES. *Two hours credit.*

Summer Term and each Semester.

Prerequisite, course 1. The simple analysis of forty-five to fifty samples of textile fabrics to determine the quantities of cotton, wool, silk or linen. Attention is given to the distinction between tone and artificial silks and to the weighing of fabrics.

50.—QUANTITATIVE ANALYSIS. *Five hours credit.*

Summer Term, and Second Semester.

Prerequisite, course 3. This course includes both gravimetric and volumetric methods of quantitative analysis. It is a laboratory course, requiring a minimum of eight hours laboratory work and one hour recitation each week.

51.—AGRICULTURAL CHEMISTRY. *Three hours credit.*

Summer Term, and First Semester.

Prerequisite, course 3. The application of chemistry to the study of soils, soil analysis, plant nutrition, and soil fertilization. The general relation of chemistry to various farming operations will be studied.

52.—SPECIAL ANALYSIS. *Three hours credit.*

By appointment.

Prerequisite, course 50. A course intended for students desiring to work out problems in rock, soil, food, etc. Analysis. The work is arranged to suit the needs of the individual students.

Commerce.

Professor PARKE.

Mr. SKOGLUND, Instructor.

Mr. POCKOCK, Instructor (Summer 1917).

Mr. HAUSAM, Instructor (Summer 1917).

This department aims (1) to prepare teachers to organize and conduct commercial courses in high schools; (2) To train teachers and supervisors of penmanship; (3) To offer elective courses for those who wish to obtain some knowledge of business subjects as a part of their general education.

Since teachers of commercial branches in high schools are usually expected to teach all the subjects of the ordinary high-school commercial course, it is very desirable that students who are preparing to do this work should include in their preparation at least the following:

Accounting, 9 hours; Law, 6 hours; Stenography, 8 hours; Typewriting, 3 hours; Office Training, 2 hours; Penmanship Methods, 2 hours; Principles and Methods in Commercial Education, 2 hours.

In all the accounting courses instruction is given in the use of business papers, in business customs, and in business organization and management. Students are also familiarized with the state texts in book-keeping used in Kansas high schools.

A special certificate to teach commerce in Kansas high schools is issued for work in this department. For requirements, see page 49.

1.—ELEMENTARY ACCOUNTING. *Three hours credit.*

Summer Term, and each Semester.

This course serves as an introduction to the field of accounting. The principles underlying accounting practices are studied, and enough problems are solved to familiarize the student with the more common and simpler forms used in representing the progress and condition of a business firm. The course is given by textbooks, lectures, and practical problems and exercises.

3.—MERCANTILE ACCOUNTING. *Three hours credit.*

Summer Term and each Semester.

Prerequisite, Elementary Accounting or a year of high-school bookkeeping. Shows the application of accounting principles to various lines of mercantile business. Practical sets of transactions are worked out and practical problems solved.

4.—HOUSEHOLD ACCOUNTS. *One hour credit.*

On sufficient demand.

No prerequisite. A simple but complete plan for keeping a classified record of household receipts and expenditures.

5.—FARM ACCOUNTING. *Two hours credit.*

First Semester.

No prerequisite. A practical system of keeping farm accounts, so devised as to show the condition, progress, and results of the farm business as a whole and in each of its departments. A course useful to students in agriculture as well as to those in commerce.

6.—BANK ACCOUNTING. *Two hours credit.*

First Semester.

Prerequisite, Elementary Accounting. Organization and management of banks. Books opened from statements of a bank already

in operation. The work is designed to reproduce as nearly as practicable the routine of a bank.

8.—WHOLESALE ACCOUNTING. *Three hours credit.*

Second Semester.

Prerequisite, Elementary Accounting. Emphasis is placed upon the classification of accounts and the interpretation of business statements.

14.—BUSINESS LAW. *Three hours credit.*

Summer Term and each Semester.

No prerequisite. It is the aim in this course to teach those principles of law that give one an intelligent idea of his legal rights and limitations in business dealings. The law of contracts, sales, commercial paper, agency, partnerships, corporations, and real estate, are among the topics studied. Drills are given in writing legal papers. Constant reference is made to Kansas statutes and court decisions.

STENOGRAPHY.*

17.—ELEMENTARY STENOGRAPHY. *Four hours credit.*

First Semester, Benn Pitman system.

Second Semester, Gregg system.

No prerequisite. Emphasis is placed upon mastery of principles and correct formation of characters and outlines. Much drill is given in reading shorthand as well as in writing ordinary business and literary matter.

18.—ADVANCED STENOGRAPHY. *Four hours credit.*

First Semester, Gregg system.

Second Semester, Benn Pitman system.

Prerequisite, Elementary Stenography. Special contractions and shortening principles, phrasing, and daily dictation, with reading and transcription of notes. Emphasis is placed upon accuracy and readiness in transcribing.

19.—SHORTHAND SPEED PRACTICE. *Two hours credit.*

On sufficient demand.

Prerequisite, Advanced Stenography. Dictation of difficult matter, use of dictaphone, discussion of office routine.

TYPEWRITING.*

22.—ELEMENTARY TYPEWRITING. *Three hours credit.*

Summer Term, and each Semester.

No prerequisite. Beginning with the mastery of the keyboard by the touch method, the student is led by a series of progressive exercises to the acquisition of practical speed and accuracy in writing ordinary business and literary matter. Laboratory fee, \$4.

23.—ADVANCED TYPEWRITING. *Two hours credit.*

Second Semester.

Prerequisite, Elementary Typewriting. Drill is given in writing from copy and from dictation, and in various lines of office work. Laboratory fee, \$2.

26.—METHODS IN PENMANSHIP. *Two hours credit.**

Summer Term, and each Semester.

No prerequisite. Drill is given in movement, in the formation of letters, and in writing business forms, with emphasis upon present-

* These courses will apply on certificate requirements. They will not apply on the degree requirements after September, 1918.

ing penmanship in the grades and in the high school. May be taken for the Three-year State Certificate.

Open only to Freshmen and Sophomores; if taken by Juniors or Seniors only one-half credit will be given.

51.—ADVANCED ACCOUNTING. *Three hours credit.*

Second Semester.

This course is devoted mainly to a study of modern cost keeping, with attention to the distinctive features of corporation accounting, and a study of the form and interpretation of the balance sheet.

54.—OFFICE TRAINING. *Two hours credit.*

Second Semester.

Senior College. Prerequisite, Elementary Stenography, Elementary Typewriting, Elementary Accounting. A study of the organization and management of an office, including drills in business correspondence, handling the mail, use of filing systems and office appliances, and the preparation of business and legal papers.

57.—BUSINESS ORGANIZATION. *Two hours credit.*

On sufficient demand.

It is advised that this course be preceded by General Economics. Fundamental principles of business administration. The individual business man, the partnership, and the corporation. Extractive, manufacturing, and distributive industries. The various departments of a large business and their relation to one another. The market, advertising, credits and collections. The administrative department and accounting methods.

60.—ELEMENTARY LAW. *Three hours credit.*

Summer Term and First Semester.

No prerequisite. Designed to give a general view of the American legal system. Among the topics studied are: Written and unwritten law; personal and property rights; criminal law; private wrongs; remedies for public and private wrongs, with an outline of court procedure. Statutes and court decisions are used freely. Valuable to students of history, government, and economics as well as of business subjects.

70.—PRINCIPLES AND METHODS IN COMMERCIAL EDUCATION.

Two hours credit.

Summer Term, and Second Semester.

Prerequisite, twelve hours of Commerce. A teachers' course, including among other topics the following: Essentials of commercial education; the high-school commercial course, including subjects to be taught, order of presenting them, amount of work to be done in each, methods of teaching. Relation of the business course to the business community; adaptation of the course to the small, the medium, and the large high school, and to local conditions.

English.

Professor BARRETT.

Associate Professor NEWTON.

Mr. BROWNELL, Instructor.

Miss ILLICK, Instructor.

Mr. WILSON, Instructor.

Instructor.

Professor LAWRENCE, Park College (Summer 1917).

Those planning to make a major in English should take at least six hours in constructive English. Courses 14, 15, 16 and 17 are especially

recommended for them. Courses in English History should be taken early to furnish a background for the work in English literature. Fundamentals of Expression and other courses in the Public Speaking Department are almost essential to one preparing to teach English, but are not accepted as part of English major.

1a.—RHETORIC AND COMPOSITION I. *Three hours credit.*

Summer Term, and each Semester.

This is a course for Freshmen in thinking English. Certain of the elementary rules and methods of good thinking and their correlation with correct sentence structure are studied. There is a severe drill in the simpler technique of writing. Above all is the student required to write, constantly and continually, until he is fluent in this form of expression. Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

1b.—RHETORIC AND COMPOSITION II. *Three hours credit.*

Summer Term, and each Semester.

Open only to Freshmen and Sophomores; if taken by Juniors or Seniors only one-half credit is given. Prerequisite, course 1a. The course 1a is continued and in addition the reading of much standard English prose is required.

2.—NEWSPAPER ENGLISH I. *Three hours credit.*

First Semester.

Prerequisite, Rhetoric and Composition. This is a study of the form and composition of the news report. The development of a terse and powerful style is sought. Fully fifty per cent of the material written in this class reaches the printing press.

3.—NEWSPAPER ENGLISH II. *Three hours credit.*

Summer Term, and Second Semester.

Prerequisite, Rhetoric and Composition. This is a study of current opinion. The editorial, as an intelligent comment on affairs, will be studied. The simpler kinds of critical writing will be taken up. Each student will undertake, with a view to publication, an investigation of some subject vital in modern life. These courses in general journalistic English are designed to give the teacher power to put the school before the public.

4.—ADVANCED COMPOSITION FOR WOMEN. *Three hours credit.*

Summer Term, and Second Semester.

Prerequisite, Rhetoric and Composition. A constructive course in written and oral English Papers based upon personal investigation and library research work are required. Demonstrated talks along lines in which the student is especially interested are emphasized. The course fits the student for constructive work in English which she will meet in life, such as papers and talks before teachers' associations and clubs.

11.—AMERICAN LITERATURE. *Three hours credit.*

First Semester.

Prerequisite, Rhetoric and Composition. This course gives a general review of the history of American literature, but the emphasis is strictly placed on the classics. Methods in presenting the work in high school will be suggested. Much reading in the library is required.

12.—THE NOVEL. *Three hours credit.*

Second Semester.

Prerequisite, Rhetoric and Composition. A study is made of the rise and development of the novel. The structure of the novel is studied. An intensive study is made of some of the novels of Jane Austen, Scott, Dickens, Thackeray, George Eliot, Meredith and Hardy.

13.—CURRENT LITERATURE. *Three hours credit.*

First Semester.

Prerequisite, Rhetoric and Composition. In this course a study is made of some of the best new or recent poetry, essays, and fiction. Comparison is made with established models and an effort is made to develop power of criticism. Current magazines and the library are used extensively.

15.—ENGLISH LITERATURE, 1500-1660. *Three hours credit.*

Summer Term, and Second Semester.

Prerequisite, Rhetoric and Composition. The English drama, except Shakespeare, is studied. Spencer, Bacon and Milton are given due attention.

16.—ENGLISH LITERATURE, 1660-1800. *Three hours credit.*

First Semester.

Prerequisite, Rhetoric and Composition. A study is made of the classical period and its prose and poetry. The growth of the romantic movement will be traced to its culmination at the end of the century.

17.—ENGLISH ROMANTIC POETS. *Three hours credit.*

Summer Term, and First Semester.

Prerequisite, Rhetoric and Composition. A general survey of the "Romantic Movement" is made. The poets considered are: Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats.

18.—THE SHORT STORY. *Two hours credit.*

First Semester.

Prerequisite, Rhetoric and Composition. Both the constructive and the literary sides of the short story are emphasized. Various types are studied. An original short story is written.

19.—CHILDREN'S LITERATURE. *Three hours credit.*

Second Semester.

Prerequisite, Rhetoric and Composition. Consideration of methods of interesting children of grades 1 to 8 in good literature; principles of book selection; study of types of the best modern children's books by actual examination and reading. Better taken in Sophomore than in Freshman year.

30.—METHODS IN ELEMENTARY ENGLISH. *Two hours credit.*

Summer Term, and each Semester.

The aim of this course is to give as definite preparation as possible for the work of teaching English in the grades. Skill in the use of English as an instrument for conveying thought, both information and feeling, is the goal. Attention is given to composition work with special reference to the problem of adequate motivation. Chief emphasis is placed upon the problem of the selection and use of literature for the several grades which shall develop character. McClintock's Teaching of Literature in the Elementary School is the basic text.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

50.—THE HISTORY AND DEVELOPMENT OF THE ESSAY. *Three hours credit.*

Summer Term, and Second Semester.

Prerequisite, six hours of College English. The essay reveals more clearly than any form of literature the methods of a man's thinking. The course includes a study of the contrasts of *a priori* and *posteriori* thought. With Bacon as an example of the latter and with Emerson of the former, the great essayists are grouped and their ideas analyzed. Essays from Montaigne to George Fitch are read.

51.—SHAKESPEARE'S TRAGEDIES. *Two hours credit.*

Second Semester.

Prerequisite, six hours of College English. This is a study of the conception of the tragedy in literature. All of Shakespeare's tragedies are read and discussed. One of his greater tragedies is studied intensively. Shakespeare's versification and the composition of blank verse in general receives attention. Aristotle's poetics is read, and therefrom a philosophy of the tragedy constructed.

52.—SHAKESPEARE'S COMEDIES. *Two hours credit.*

Summer Term, and First Semester.

Prerequisite, six hours of college English. Eight of Shakespeare's comedies are read, chosen from the different types. Some attention is paid to the life and times of Shakespeare and the development of his genius.

53.—TENNYSON. *Two hours credit.*

First Semester.

Prerequisite, six hours of College English. A study of the author's characteristic poems.

54.—BROWNING. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, six hours of College English. This course includes all of Browning's short poems that are usually studied in schools, his dramas, and selections from "The Ring and the Book."

55.—LITERARY STUDY OF THE BIBLE. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, six hours of College English. The aim is to give the student an appreciation of the Bible as "The World's Great Masterpiece of Literature." Attention is given to the dramatic, lyric and epic forms, and other literary excellencies set forth in Job and the biblical idylls—Solomon's Song, Esther, and Ruth. Biblical quotations and allusions are also taken up to illustrate the truth that the Bible has profoundly influenced and saturated the best literature.

56.—ENGLISH LITERATURE TO 1500. *Three hours credit.*

First Semester, and Summer Term.

Prerequisite, Rhetoric and Composition. The object of this course is to make a general review of English literature from its earliest beginning down to the Renaissance. Some time is devoted to Chaucer. The sources of various movements that develop later are noted. Students are expected to spend considerable time reading in the library.

60.—TEACHING OF HIGH-SCHOOL ENGLISH. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, fifteen hours of College English. Various problems that confront the teacher of high-school English are taken up and discussed. The different types of literature are studied, and methods of presenting each are worked out. The teaching of composition and grammar in the high-school is also taken up.

Geography.

Miss ATWOOD.

Miss WILLIAMS, Instructor.

1.—ECONOMIC AND INDUSTRIAL GEOGRAPHY. *Three hours credit.*

Summer Term, and Second Semester.

The distribution, development and conservation of the world's natural resources, and their relation to the growth and power of nations. The geographical factors influencing the location and development of industrial regions, trade centers, and commercial activities.

2.—NORTH AMERICA. *Four hours credit.*

Summer Term, and First Semester.

Junior College. The physiography of the continent and its influence upon the development of the nations. The distribution, development, and conservation of the natural resources of the United States, and their relation to industrial and commercial activities.

3.—SOUTH AMERICA. *Three hours credit.*

Second Semester.

Junior College. The geographical factor influencing the development of the nations of South America. The industrial regions, trade centers and commercial activities of the continent.

5.—EURASIA. *Four hours credit.*

First Semester. Not given in 1917-1918.

A description of several regions, including the geology, topography, physiographic history, climate and resources. The influence of geographic conditions on industries, cities and historical events.

6.—METHODS IN ELEMENTARY GEOGRAPHY. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, Economic and Industrial Geography, or its equivalent. The nature and scope of the subject, and its relation to other subjects of study. Selection of subject matter for a course of study, and methods of presentation for different grades. Geographic materials and their use. (Williams.)

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

7.—ADVANCED PHYSIOGRAPHY. *Four hours credit.*

Second Semester.

Prerequisite, High-school Physiography. Elementary meteorology, and types of land forms, their origin, growth and relation to man's interests. Subject matter and methods for high-school teachers. One hour a week of laboratory work is required.

8.—ILLUSTRATIVE AND GRAPHIC GEOGRAPHY. *One hour credit.*

Summer Term.

Chalk modeling of maps, and types of relief features. The making of graphs, and their use. Of special help to illustrate and bring greater success in teaching.

50.—RELATION OF GEOGRAPHY TO HISTORY. *Three hours credit.*

Summer Term, and each Semester.

The geographic factors influencing settlement, westward movement of population, and growth of the United States.

American History and Government.

Professor WHITNEY.
Associate Professor MYER.
Miss Minrow, Instructor.

AMERICAN HISTORY.

Professor WHITNEY.

1.—AMERICAN HISTORY, GENERAL COURSE. *Three hours credit.*

Summer Term, and each Semester.

This is a textbook course designed especially to meet the three-hour college requirement for college students who have not had American history in the high school, and for those who do not expect to major in history.

2.—AMERICAN POLITICAL AND CONSTITUTIONAL HISTORY, 1789-1817.

Three hours credit.

Summer Term, and each Semester.

With the adoption of the new constitution the American nation seeks to establish itself at home and win recognition abroad. Without precedent, beset by enemies within and without, the undertaking and its success is one of the great achievements of world history. Those majoring in history should begin American history with this course. Those desiring but a single course in the department and who have had American history in the high school should take this course.

3.—AMERICAN POLITICAL AND CONSTITUTIONAL HISTORY, 1817-1860.

Three hours credit.

Each Semester.

This is an era of great internal development. Economic questions arise with direct bearing upon the Rebellion. New movements, educational, political, philanthropic, religious, literary and governmental, characterize the period. This is better understood if preceded by course 2.

4.—KANSAS HISTORY. *Two hours credit.*

Second Semester.

The laboratory method is used to develop the following lines of research. The discovery, exploration and early settlement of Kansas; Kansas as Indian territory; the great struggle for a free or a slave state constitution; Kansas in our Civil War; changes and political evolution since the sixties; the part Kansas has played in the nation's progress in education, letters, philanthropy, resources, and constitutional interpretation. Definite readings, reports and papers are required.

5.—THE REBELLION AND RECONSTRUCTION. *Four hours credit.*

First Semester.

The general facts underlying the precipitation of this conflict form the introduction. The war itself is studied by campaigns, with the attempt to discover the designs and methods of operation. The resources of the combatants, the armies, navies, supplies, means of transportation, etc., the finances, the attitude of foreign countries, are subjects of study. The problems of reconstruction, with all that is involved, the difficulties surrounding them, the ends sought, the methods of solving them and the consequences resulting, form the least understood part of our nation's history.

5a.—RECONSTRUCTION. *Two hours credit.*

Summer Term.

7.—METHODS IN ELEMENTARY HISTORY I. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, four hours of Drawing.

This course deals with the selection of material, method of presentation, books of reference, and means of visualization for history in grades one through five. Handwork of all kinds is used for illustrative work. Especially valuable for rural and elementary school teachers.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

8.—METHODS IN ELEMENTARY HISTORY II. *Two hours credit.*

Summer Term, and each Semester.

Same as course 7 except this course is for grades six, seven, eight and nine.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

51.—AMERICAN HISTORY, SINCE 1876. *Three hours credit.*

Summer Term, and Second Semester.

The new Union has new conditions to meet. The giant strides of the world's progress finds the American nation in the lead. As a nation of peace, she has come to occupy a unique position among the other nations. Hence this period is a study of national problems such as industry, organizations, inventions, transportation, internal development, politics, etc., also of international problems relating us with the world at large.

52.—AMERICAN COLONIAL HISTORY TO 1763. *Four hours credit.*

First Semester.

European conditions leading to our age of discovery, and the ancient life in America, are followed by a detailed study of the discoverers and explorers as expressive of the character, motives, methods, and result of European expansion in the fifteenth and sixteenth centuries. The planting of the individual colonies and the development of colonial institutions lay the foundation for the formation of the American nation.

53.—THE AMERICAN REVOLUTION AND CRITICAL PERIOD, 1763-1789. *Three hours credit.*

Second Semester.

This story of the struggle of the colonies for independence and of the nation to realize itself in government is a dramatic one. One sees a nation in the making and the process by which it builds great principles into its form of government.

54.—LATIN AMERICA. *Two hours credit.*

Summer Term, and First Semester.

Junior or Senior College. Central and South America have thrust themselves above the horizon of the student of American history within the last decade, with so persistent a demand for consideration that, at least, one should be conversant with their general history. "America's responsibility" in Mexico and "America's opportunity" in South America must be met first with an intelligent understanding of her people, their past history and future outlook. Such is the purpose of this course.

55.—THE WEST. *Two hours credit.*

Summer Term, and Second Semester.

The growth of our nation westward is studied for its causes and processes. New problems and how they affect our national life are considered.

56.—SEMINAR. *One hour credit.*

Each Semester.

Investigation and careful study of some subjects of interest to students and teachers of history and government is the work of this course.

GOVERNMENT.

Associate Professor MYER.

1.—AMERICAN GOVERNMENT—GENERAL COURSE. *Three hours credit.*

Summer Term, and each Semester.

This course covers the whole field of national and state government. Not only the constitutional framework of our government, but the actual working of the governmental machinery and the problems which we, as citizens, must meet, are studied. Current magazines are used along with the text. Beard, "American Government and Politics" is the text.

2.—PROBLEMS OF LOCAL GOVERNMENT. *Three hours credit.*

First Semester.

This course is conducted as in course 2, but it deals with the problems of the city, county and state. Especial attention is given to the government of Kansas and the problems of this state.

3.—PARLIAMENTARY LAW. *One hour credit.*

Summer Term, and Semester.

This class is organized as the United States senate, and it introduces bills, handles them in committee debates, and votes them. It is hoped that those who come in will continue in the organization during the whole time they are in school for the civic training, even though credit is given for but one semester. The organization is known as "The Senate," and students may belong without taking it for credit.

51.—GOVERNMENTAL PROBLEMS. *Three hours credit.*

Summer Term, and Second Semester.

An intensive study of current political, economic, and social problems. We try to discover just what the Democratic, Republican and Socialist parties stand for, and what vital problems they all neglect. Our conclusions are based on an examination of magazines, papers, party platforms, and the record of statesmen. The object of the course is to assist students to intelligently interpret the present.

52.—INTERNATIONAL LAW AND DIPLOMACY. *Three hours credit.*

Summer Term, and First Semester.

The general principles of international law and how they are enforced; the questions arising out of the European war; the usages of diplomacy, the foreign policies of the great nations; and the present and future policies of the United States—these are some of the matters to be considered in this course. We will depend chiefly upon recent magazines and books.

53.—A COMPARATIVE STUDY OF GOVERNMENTS. *Three hours credit.*

Second Semester.

A study of the general principles and practical working of the governments of the leading nations of the world. This includes a consideration of the political parties in each of the nations and some of the problems which each faces.

European History.

Professor WILLIAMS.

Mr. ———, Instructor.

The equipment of the European History Department consists of 993 books of the following classification: General, consisting of history of civilization, philosophy of history, historical research and method, 152; European, 200; English, 275; Roman, 220; Greek, 132. Of this number 100 are either complete or extract source material. The additional material consists of three historical charts, fourteen wall maps, six graphic charts, ten wall pictures, and a large number of small pictures, eight historical atlases, and two complete stereopticon sets and slides of Greece and Rome. It is the plan of the department to complete this equipment until a fair-sized museum will be established.

1.—EUROPEAN HISTORY DURING THE MIDDLE AGES. *Three hours credit.*

Summer Term, and First Semester.

This course covers the period of the history of Europe between the decline of the Roman Empire and the Renaissance in the fifteenth century. The period was preëminently an institutional epoch, when forms and customs were in the making. The course deals with the transition from the ancient to the mediæval world, the effects of the barbarian invasions; the growth of the Christian church; the feudal system; mediæval culture; and the beginnings of modern states and civilizations. Special attention is given in the course to a development of the historical point of view and in the use of source material. This course is considered fundamental to later work in history.

2.—MODERN EUROPEAN HISTORY. *Three hours credit.*

Summer Term, and Second Semester.

A general course dealing with the important phases of European history from the time of the Renaissance until the present. It treats of the Renaissance; the Reformation; the age of Louis XIV; the French Revolution and Era of Napoleon; the Unification of Italy and Germany and the Europe of to-day. This course should follow course 1.

3.—HISTORY OF GREECE. *Three hours credit.*

Summer Term, and First Semester.

Emphasis is laid on the artistic, intellectual, religious, social, economic and political life of the Greek people. Special attention is given to mythology as an aid to teachers in primary and secondary schools. The fundamental idea is kept in mind that the historical significance and importance of the Greeks is their contributions to the general civilization of the world in their development of a superior intellectual and æsthetic culture.

4.—HISTORY OF ROME. *Three hours credit.*

Second Semester.

This course traces the growth of the Roman state and people from the legendary period to the time of the incoming of the barbarian and the deliquescing of the empire. The real greatness of Rome, which forms a part of the world's possessions to-day—her monuments, her language and literature, her ideals of government, and her legal system—receive particular attention. Recommended to students majoring in Latin.

5.—HISTORY OF ENGLAND TO 1603. *Three hours credit.*

Summer Term, and First Semester.

In this course the aim is to trace the great movements by which Ancient England has become Modern England and the forces which have given rise to these movements. The fusing of several races into the English people. The early English institutions which were the germ of later institutions and the social and economic life of the period receive consideration.

6.—HISTORY AND GOVERNMENT OF ENGLAND FROM 1603 TO THE PRESENT.
Three hours credit.

Second Semester.

This course is a continuation of course 5. They should be taken in regular order, but with the consent of the department this requirement may be waived. The course deals with the successful working out by the English people of two great problems in government—that of self-government under free democratic forms, and that of governing remote dependencies. The development in the great fields of industry—manufacture and commerce—and the growth in social and intellectual progress are also studied.

7.—EIGHTEENTH CENTURY HISTORY. *Two hours credit.*

First Semester.

This course presents a preparatory study for the history of the nineteenth century. It was the eighteenth century which set the problems of progress and suggested their solution. It was the nineteenth century that worked them out in detail and made their applications. This course will deal with the European struggles for colonial and commercial supremacy, the Old Régime in Europe, the forces working for reform; France before, during and after the Revolution, and the Napoleonic era down to the Congress of Vienna in 1815. The territorial changes, national policies, economic conditions and intellectual interests of this period form the basis for a fuller understanding of the nineteenth and twentieth centuries.

8.—THE NINETEENTH CENTURY AND AFTER. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, course 1. This course begins with the reconstruction of Europe in 1815, and continues the history of Europe to the present. The ideas bequeathed by the French Revolution of social and political equality and freedom and the struggle for national unity and popular sovereignty are dominant factors in the period. The great economic, social and scientific changes which mark modern times are followed. The world problems and movements of to-day are studied through the newspapers and current periodicals. Reading, clipping, filing and reporting upon these current events form an interesting and valuable part of the course.

13.—THE HISTORY OF GERMANY SINCE 1740. *Two hours credit.*

First Semester.

This course deals with the more important events of German history from the ascension of Frederick the Great to the present time. The rise of modern Germany has long attracted the attention of American students, and the role she is now playing in the present European war makes her past and present a matter of special interest. The treatment of German life in all its aspects furnish a good historical background for the student of the German language.

14.—THE HISTORY OF FRANCE. *Two hours credit.*

Second Semester.

This course attempts to present the leading facts of French history from early Roman times to the present, and is especially recommended to students of the modern languages and Latin.

51.—INDUSTRIAL AND SOCIAL HISTORY OF ENGLAND. *Two hours credit.*

First Semester.

Prerequisite, courses 5 and 6. This course is recommended to round out the study of English history. Mediæval rural and town life, trade and commerce, the economic changes of the fourteenth and fifteenth centuries that resulted in the breaking up of the mediæval system, the industrial revolution with its momentous results, the extension of government control shown in the factory laws, modification of land ownership, sanitary regulations and government industries, and the development of trade-unions, trusts and coöperation, are the principal topics of study.

52.—THE REFORMATION. *Two hours credit.*

Second Semester.

This course gives consideration to the general struggle between the old and the new order of things, the modern nations which were rising into power, and the need of reform before the revolt occurred. The individual reformers, together with the revolt and the counter-revolt in the various countries, are objects of study. The religious, political and economic results of the movement complete the study.

53.—THE FRENCH REVOLUTION. *Two hours credit.*

Second Semester.

To understand the social, economic and political conditions in France which were outgrown, and the origin and growth of the revolutionary spirit, is quite as necessary as to trace the history of the destruction of abuse and the struggle for liberty and rights. The course offers a study in social psychology and the political theories of the time, as well as a history of the Revolution itself.

54.—MEDIÆVAL INSTITUTIONS *Two hours credit.*

On sufficient demand.

An intensive study of a number of select problems in mediæval social, political and religious institutions.

58.—SOUTHEASTERN EUROPE. *Two hours credit.*

Second Semester.

No portion of Europe presents such a museum of races or a finer laboratory history. At no time since the beginning of the Eastern Question has the Balkan peninsula been of such political and military importance as the present. The object of the course is to study not only the national history and characteristics of the present states but also the environment and civilization of the people represented in these states. The course well represents history in the making.

59.—THE TEACHING OF SECONDARY HISTORY. *Two hours credit.*

Summer Term, and each Semester.

Open, by consent of instructor, to Junior College students. This course is intended to meet the needs of high-school teachers of history. It considers the nature and scope of history, the sources of historical knowledge, evidence and criticism, the past and present points of view in regard to the subject. The discussions cover the aims and values of historical study, the history program for the high school, materials and methods of instruction. Each student is expected to work out bibliographies for various history courses, criticize textbooks, select lists for library reference works, and report in current historical articles. Observation and criticisms of high-school history classes form an important part of the course.

60.—SEMINAR IN EUROPEAN HISTORY. *One hour credit.*

Summer Term, and each Semester.

Intensive study of a limited period or a special phase of social or political development with a view to training in historical method and use of the sources. Subjects vary from year to year.

Home Economics.

Professor BEYE.

Miss SAWYER, Instructor.

Miss WHITNEY, Instructor.

Students in this department should plan the work very carefully so that all prerequisite work may be completed by the time they wish to take a certain course. The student furnishes her own material for garments made. The fees charged are to cover supplies used in addition.

A special certificate to teach Home Economics in Kansas high schools is issued for work in this department. For requirements for the certificate, see page 50.

HOUSEHOLD ART.1.—SEWING AND TEXTILES. *Four hours credit.*

Summer Term, and each Semester.

No prerequisite. Laboratory six hours, Lecture two hours. Textiles may be taken without sewing for two hours credit, but for those who have not had adequate high-school sewing the sewing must either be prerequisite to, or taken with the textiles. Fee, \$2.75. (Sawyer.)

4.—DRAFTING. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, Household Art 1, Elementary Free-hand and Construction Drawing. Six hours laboratory; two hours lecture work. A course in designing and drafting of patterns applied on garment work. Fee, 75 cents. (Sawyer.)

5.—ELEMENTARY DESIGN. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, Elementary Free-hand and Construction Drawing and Household Art 1. For description, see Art Department. (Eckdall.)

54.—APPLIED COSTUME DESIGN. *Four hours credit.*

Prerequisite, Household Arts 4 and 5. Six hours laboratory; two hours lecture work. Application of study of design, color, selection of materials in garment work. (Sawyer.)

HOUSEHOLD SCIENCE.6.—HOMEMAKERS' COURSE. *Four hours credit.*

Summer Term, and each semester.

No prerequisite. Four hours laboratory; two hours lecture work. A survey course for those not majoring in Home Economics; a study of foods and the home. (Whitney.)

14.—FOODS I. *Four hours credit.*

Each semester.

Prerequisites, High-school Physics, High-school Chemistry, or General College Chemistry. Four hours laboratory; two hours lecture work. A study of the principles governing the selection and preparation of proteins and fats. Fee, \$4 to \$6. (Whitney.)

15.—FOODS II. *Four hours credit.*

Each Semester.

Prerequisite, Household Science 14 and Household Bacteriology. A continuation of Household Science 14. A study of principles governing the selection and preparation of carbohydrates; a study of preserving and leavening agents. Fee, \$4 to \$6. (Whitney.)

18.—METHODS IN HOME ECONOMICS. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, one course in each Household Science and Household Art. This includes the planning of courses in both household science and household art for the children of the grades, also the methods of presentation and the study of equipment. This course is prerequisite to practice teaching in the Training School.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

60.—ECONOMIC USES OF FOODS. *Three hours credit.*

Each Semester.

Prerequisite, Household Science 15, Physiology of Alimentation and Qualitative Analysis. Four hours laboratory; one hour lecture work. A study of food values from economic and calorie standpoint as applied to preparation of meals for families of varying ages, occupations and incomes. Fee, \$4 to \$6. (Beye.)

62.—DIETETICS. *Four hours credit.*

Second Semester.

Prerequisite, Household Science 60 and Organic Food Analysis. A study of the chemistry of food and nutrition, of diet under normal and abnormal conditions. Fee, \$3. (Beye.)

64.—ECONOMIC PROBLEMS OF FOOD AND CLOTHING SUPPLY. *Three hours credit.*

Second Semester.

Prerequisites, Household Art 54, Household Science 60, and Sociology. (Beye.)

68.—HOUSE AND HOME. *Four hours credit.*

Summer Term, and each Semester.

This course consists of two parts: 68a, *Household Construction and Sanitation*, with two hours credit (prerequisite, Household Bacteriology), offered by the Household Science Department (Whitney); and 68b, *Interior Decoration* (prerequisite, Elementary Design), with two hours credit, offered by the Art Department (Eckdall).

75.—TEACHERS' COURSE IN HOME ECONOMICS. *Two hours credit.*

Second Semester.

Prerequisite, General Psychology, Methods in Elementary Instruction, or Methods in Rural School Instruction, Home Economics 1, 4, 54, 14, 15 and 68. This course includes methods in both household art and household science, and is required of all persons expecting to be recommended from the department as household science or household art teachers, or supervisors. It includes the study of the history of home economics and education of women, together with studies in equipment and supplies. Includes teaching in Normal Training High School. (Beye.)

Latin.

Professor HOLTZ.
Mr. BLACK, Instructor.

EQUIPMENT.

The department is supplied with maps of the Roman world, ancient Italy, Gaul, Rome and its environment, the city of Rome and the Roman Forum; also with wall pictures, costumes, and statuary of classical subjects. The library contains a large and well-selected supply of reference books that will compare favorably with similar collections in the leading colleges and universities of the Middle West. Bound sets of the leading classical journals, as well as the current numbers, are always accessible to students. The department owns lantern slides, illustrating Cæsar's campaigns, the Saalberg camp, the Story of the Æneid, and Roman public and private life. Students also have the advantage of several hundred post cards and small photographs suitable for use in the reflectoscope, and a carefully developed "Sabin Exhibit."

ENTRANCE.

Students entering with the required units of high-school credit may take any course for which they are prepared, and receive College credit when they satisfy the department that the character of their work is of College grade. Students with no Latin credit will take Elementary Latin; those with one unit credit will take Cæsar; those with two units, Cicero's Orations; with three units, Virgil's Æneid; with four units, Livy or Cicero's Essays. Students who have not had the equivalent of one hour per week in Latin composition for second and third year's work in the high school will be conditioned in composition, pending an examination, or allowed to make up the requirement in the Normal Training High School classes.

A minimum credit for a year of elementary Latin will count toward graduation. Also a year's work in Cæsar will be so considered. All other courses will be recorded as per catalogue hours.

CHOICE OF OTHER SUBJECTS.

As the work of the student in History, Science, English, Modern Language, Mathematics—in fact, in every academic subject—is materially aided by the study of Latin, so the student of Latin should enrich his training with courses in the above departments. A student who expects to teach Latin should make special preparation to teach one or two other subjects in order to meet the demands of the average high school. Of the three hundred fifty teachers of high-school Latin in Kansas the majority teach the following combinations: Latin and German; Latin and History; Latin and English; Latin and Science. Our teacher's bureau sometimes has calls for a teacher of Latin and Normal Training; Latin and Music; Latin and Commerce; Latin and Mathematics.

MAJOR.

Before completing a major or before securing a departmental or Normal Appointment Bureau recommendation, a student must make satisfactory records in the following courses: Virgil, Cicero's Essays or

Livy, Advanced Composition, Latin Grammar, The Odes of Horace, Methods in High-school Latin. The remaining quota of hours will be selected upon consultation with the head of the department.

UNIVERSITY DEGREES.

Candidates for the higher degrees in a majority of the universities are held for two to four years of entrance Latin and for a reading knowledge of at least one modern language. Students should not embarrass themselves by failing to work off their language requirements before taking advanced work in the universities.

1.—ELEMENTARY LATIN. *Five hours credit.*

Summer Term, and each Semester.

The essentials of Latin forms and syntax, including the subjunctive mode. The acquisition of an adequate vocabulary for the reading of short continuous passages and the writing of original exercises in Latin based upon pictures, current events, games and stories. The correlation of Latin with English, Science and other subjects in the curriculum. The relation of Latin to the everyday life of the present.

2.—LATIN PROSE READINGS. *Five hours credit.*

Summer Term, and each Semester.

A continuation of the above, dealing in particular with easy prose reading. A study of the Helvetian campaign, or equivalent Latin, in addition to the exercises of the first-year text. Composition practice on assigned and original work. Practice in translation at sight and from hearing. Extensive study of English derivatives.

4.—CÆSAR AND COMPOSITION. *Five hours credit.*

Summer Term, and each Semester.

Prerequisite, courses 1 and 2, or a year of high-school Latin. Translation by assignment and at sight from three additional books of Cæsar's Gallic War, or its equivalent. Syntax, stressing the subjunctive mode and all subordinate clauses, with composition by sentence and paragraph to illustrate the same. Individual studies and reports, with a summary of Cæsar's campaigns as a whole. Latin word formation and English derivatives.

5.—CICERO I; ORATIONS. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, course 4, or two years of high-school Latin. A study of four or five selected orations. Translation by assignment and at sight. Syntactical study, stressing conditional sentences. Analysis of each oration. Roman social and political conditions compared with those of modern times. Daily study of English derivatives. Prose composition based upon text read.

6.—CICERO II; ORATIONS. *Three hours credit.*

Summer Term, and each Semester.

Careful reading of four orations including the Poet Archias. Daily prose based upon the text. The writing of continuous narrative. Rhetorical analysis of orations. A study of Roman political conditions. The courses in Cicero are recommended to those majoring in European History.

7.—VIRGIL I. *Three hours credit.*

Summer Term, and First Semester.

Prerequisite, three years of Latin. Four books of the Æneid. Course designed to secure an appreciation of Virgil's style and

delineation of character. Due attention given to classical mythology and metrical reading. Reports and papers on related topics.

8.—VIRGIL II. *Three hours credit.*

Second Semester.

Four books of the *Æneid* continued from course 7. Selections and summary of the remaining books of the Epic. The author's place in literature. Daily translation and metrical reading. Themes of a research nature. Courses 7 and 8 are recommended also to all who expect to teach high-school English.

9.—CICERO'S DESENECTUTE, OR DEAMICITIA. *Two hours credit.*

Summer Term, and First Semester.

Prerequisite, courses 6 and 7. Careful translation by assignment and at sight, with daily drill in syntax of modes and tenses; special attention to the classification of subordinate clauses; daily composition based upon the text. Recommended to advanced students of English and to those who continue the study of Latin beyond Virgil. It is suggested that the course in Advanced Composition or Latin Grammar, two hours credit, be taken at the same time.

10.—LIVY: BOOK XXI, SELECTIONS FROM BOOK XXII. *Three hours credit.*

First Semester.

Translation by assignment and at sight. Syntax of modes, tenses, and subordinate clauses. Daily prose based upon the text. It is recommended that students in Livy enroll also for Advanced Composition or Latin Grammar, two hours.

50.—HORACE: SELECTED ODES AND CARMEN SÆCULARE.

Three hours credit.

Second Semester.

Translation, analysis, study of Horatian meters. Special topics for reports and papers. It is recommended that the course in Roman private life or the grammar review course be carried in connection with Horace. Required of all who complete a major in the department. Must be preceded by Virgil.

51.—LATIN COMEDY: THE CAPTIVI OF PLAUTUS AND SELECTIONS AND THE PHORMIO OF TERENCE. *Three hours credit.*

Summer Term, and Second Semester.

Should be preceded by courses 9, or 10. Attention given to vocabulary, anteclassical forms and constructions, scansion, and idiomatic English in translation. The Roman theater.

52.—ADVANCED LATIN GRAMMAR. *Two hours credit.*

Summer Term, and on sufficient demand.

Open to all students with credit in three years of Latin. Designed first as a course in syntax for high-school teachers. Syntax of dependent clauses, and especial stress upon the subjunctive. Classification of case and mode usages in Cæsar and Cicero. Prose composition. Second, as a study of the latest and most conservative ideas on the principles of the Latin language. Bennett's Syntax of Early Latin; Hale and Buck's Grammar. Required of all students completing a Latin major.

53.—ROMAN PRIVATE LIFE. *Two hours credit.*

Second Semester.

Study of the life, social customs, dress, travel, amusements, and kindred topics from the remains of ancient art and archæology, and in particular from the ruins of Rome and Pompeii. Lectures, li-

brary research and reports. Use of pictures, lantern slides and models. Designed to supply supplementary knowledge for high-school Latin and history teaching. No prerequisite.

54.—ADVANCED COURSE IN COMPOSITION. *Two hours credit.*

Second Semester.

Nutting's Advanced Composition, Part I or II, or its equivalent. Practice in writing connected discourse. Intended to accompany courses 9 or 10. Required of all who expect to teach Latin.

55.—TACITUS: GERMANIA AND ARGICOLA. *Three hours credit.*

Summer Term, and Second Semester.

Should be preceded by courses 9, or 10. Attention given to vocabulary, anteclassical forms and constructions, scansion, and idiomatic English in translation. The Roman theater.

56.—TEACHING OF SECONDARY LATIN. *Two hours credit.*

Summer Term.

Required of advanced students who expect to teach Latin. Course deals with the educational values of ancient language study and the relation of those languages to the language and life of to-day; with the principles underlying the teaching of Latin; with methods in dealing with specific problems; and with topics in Latin teaching; with supplementary material, lantern slides, pictures, songs, playlets and plays, organization and programs for Latin clubs, exhibits, lectures, reports, papers, etc. Students may earn additional two hours credit in observation and practice teaching. See course 59.

57.—ADVANCED CÆSAR. *Two, or three hours credit.*

Second Semester.

Prerequisite, courses 52, and 54. Rapid reading from books V-VIII. A critical study of the Gallic campaigns. Library research and critical papers. Intended as a practice course for Latin teachers. Discussion of problems in teaching Cæsar in high school. Translation from books V, VI and VII.

58.—TEACHERS' COURSE IN COMPOSITION. *Two hours credit.*

Summer Term, and First Semester.

Adapted especially to the needs of those preparing to teach high-school Latin. Exercises dealing primarily with the syntax of the second year's work. The writing of continuous prose narrative in original and assigned exercises. The close classification of subjunctives in Cæsar's narrative.

59.—DEMONSTRATION CLASS IN JUNIOR HIGH SCHOOL.

Summer Term, and each Semester.

This class will be conducted with grade pupils at the school. Students in the Latin methods class and others of advanced standing in the department may enroll in this course for teaching and observation in the Training School. The object will be to show the method of conducting a grade class in Latin, correlated with the study of English. A collection of materials and suitable texts will be shown.

60.—CLASSICAL DRAMA. *Two hours credit.*

The study and interpretation of a number of the leading classical plays in English. Open only to advanced students. English courses in Shakespeare's Tragedies and Contemporary Drama should precede or be taken at the same time.

15.—CHILDREN'S LITERATURE. *Three hours credit.*

Summer Term.

Consideration of methods of interesting children of grades 1 to 8 in good literature; principles of book selection; study of types of the best modern children's books; establishment of wider knowledge of children's books by actual examination and reading. Better taken in Sophomore than in Freshman year. For best results, General Methods and Observation, Primary Methods and Child Psychology should precede.

25.—STORY TELLING. *Three hours credit.*

Summer Term.

Aims to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades, including high school. Better following than preceding Children's Literature.

Manual Training.

Professor BRAUCHER.

Mr. WELLS, Instructor.

Mr. ROBERTSON, Instructor.

The courses in Manual Training are outlined with the purpose of giving all teachers who can avail themselves of the opportunity a thorough general knowledge of the subject as used in our public schools as a means of general education. The courses are elective and open to all students who may wish to prepare for teaching handwork in schools. For the purposes of superintendents and principals, and candidates for the Certificate of Special Proficiency in Intermediate and Grammar Grades or Rural School Teaching, the general courses may be modified to meet the particular needs of the individuals electing them. Students majoring in agriculture, physics or mathematics may also have the general courses modified to meet their particular needs. The course in primary handwork is planned with special reference to the needs of primary teachers. The courses in drawing and woodwork are arranged in their order of sequence, and should be taken in regular order unless special reasons show a need for changing it. Our equipment is limited.

A special certificate to teach Manual Training in Kansas high schools is issued for work in this department. For requirement for this certificate, see page 51.

But half of the four-hour courses is given in the Summer Term.

1.—MECHANICAL DRAWING. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, Plane Geometry. A course in the elements of mechanical drawing, beginning with geometrical constructions and dealing with orthographic, isometric and cabinet projections, surface developments, intersections, shadows, etc. Working drawings are required to give training in the application of mechanical drawing to accurate expression in the industries. An effort is made to get practical results, while at the same time giving as much of the theoretical principles as the time will permit. Supplies, \$2.50 per semester.

2.—WOODWORKING. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, course 1. A course in elementary woodworking for mature students who have some ability and training in the use of woodworking tools, but have not applied this skill to preparation for manual training. The work at the bench will include exercises in designing and making problems suited to manual training for children in the grades, to give a knowledge of work suitable for the beginner. Deposit for supplies, \$2 to \$5.

3.—WOOD TURNING. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, sixteen hours manual training. A course in wood turning, beginning with elementary exercises in spindle turning, with applications. Some problems in face-plate and chuck work will be given, together with as wide application of the work to practical construction as time will permit. Deposit for supplies, \$2 to \$5.

4.—FARM CARPENTRY. *Four hours credit.*

Summer Term, and each Semester.

A course in the elementary principles and practices in building construction, involving framing, bracing, strength and combination of materials to withstand strains and carry loads. Careful study of the principles and uses of the steel square with exercises in typical application in laying out rafters, braces, etc.

5.—SHOP MATHEMATICS. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, High School Mathematics. A course in the application of arithmetic and higher mathematics to shop and other construction problems.

9.—JOINERY AND CABINET-MAKING. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, courses 1 and 2. A course in advanced woodworking, dealing with more extensive problems in wood construction in which a large use is made of joints and panels. Problems requiring student initiative and adaption will be assigned, involving practical applications of constructive design and the selection of appropriate principles of construction. Deposit for supplies, \$3 to \$6.

11.—FURNITURE CONSTRUCTION. *Four hours credit.*

Summer Term, and each Semester.

Prerequisites, Mechanical Drawing, Woodworking and Joinery and Cabinetmaking. The study of periods and styles of furniture, with the application of design to furniture construction. Several typical pieces are designed, and one or more made in the shop. Students pay for material used.

15.—PRIMARY HANDWORK. *Two hours credit.*

Summer Term, and each Semester on demand.

A course for primary and grade teachers who wish a knowledge of handwork suited to their needs in connection with the regular work. It deals with projects requiring materials suited to the use of children in the first to the fifth grades. Deposit, \$1 per semester.

50.—THEORY AND PRACTICE. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, sixteen hours Manual Training. A methods course,

required of students expecting to qualify for Manual Training Certificate, and offer to advanced students of education, without the prerequisites, who wish to learn something of the content of manual training for administrative purposes. No tool work is offered in this course, but the time will be given to readings, reports, and discussions of the theory and practice of manual training in education. Courses of study, textbooks, equipments, supplies, etc., are studied.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

Mathematics.

Professor LINDQUIST.
Associate Professor ELLIS.
Mr. KELLER, Instructor.
Miss HANSEN, Instructor.
Miss WRIGHT, Instructor.

*1.—ADVANCED ARITHMETIC AND METHODS. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, one year each of Algebra and Geometry. Not a review of grade arithmetic, but an advanced course designed to give teachers a broader and more comprehensive view of the science, together with material for classroom use. A historical survey of our system of numbers and measures, the relation between numbers. The fundamental principles, their applications, and inter-relations. The unification of the subject matter. Graphic arithmetic. To count for two hours for B. S. in Education.

2.—TEACHING OF ARITHMETIC. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, same as for course 1, and Review Arithmetic. Arithmetical language, relation of numbers, literal arithmetic, oral work, drills, securing of interest. Eliminations, additions, and modifications of the course of study. A study of each topic taught in the grades, from the standpoint of position in the course of study, importance, relation to other topics of arithmetic and to other studies, its general application, and best methods of presentation. Not open for credit to students who have had course 1 or 3.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

*3.—TEACHING OF COMMERCIAL ARITHMETIC. *Two hours credit.*

Summer Term, and First Semester.

Arithmetic from the standpoint of the business man and the commercial teacher. Emphasis will be placed upon the most approved forms of business computations used to-day, together with improvements on the same. Drills, short cuts, etc.; a study of the most valuable ones, their applications, best manner of presenting same to a class.

4.—ADVANCED ALGEBRA AND ITS APPLICATIONS. *Three hours credit.*

Summer Term, and each Semester.

Prerequisites, one year each of Algebra and of Geometry. The fundamentals of algebra and the reasons underlying the fundamental operations with positive and negative exponents. A review of factoring. Theory of exponents, surds and imaginaries. Theory of quadratic equations in one and in two variables, with applications. Graphs. Ratio, proportion and variation. Series, limits, log-

* This course applies on certificate requirements. It will not apply on requirements for the degree after September, 1918.

arithms, and use of the slide rule. Applications of algebra to physics, mechanics, mensuration and numerous vocations. Only for students who have had but one year of algebra in high school.

5.—SOLID GEOMETRY. *Three hours credit.*

Summer Term, and First Semester.

Prerequisites, one year each of Algebra and of Plane Geometry. Straight line in space, the plane, and the more common solids, as paralleliped, prism, pyramid, cylinder, cone and sphere. Application to problems throughout.

6.—TRIGONOMETRY. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, course 4, or its equivalent. Plane trigonometry; trigonometric functions, solution of right triangles by use of natural functions, solution of the right and of the oblique triangle by logarithms, radian measurements, trigonometric equations and numerous applications to practical problems. Right spherical triangles.

7.—SURVEYING. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, course 6, or to be taken simultaneously with course 6 which is recommended. A practical supplement to the course in trigonometry, dealing with its most common applications. For this reason it is advisable to have the two taken simultaneously. Sufficient work is done with the transit and level to familiarize the students with the ordinary work of the surveyor.

8.—COLLEGE ALGEBRA. *Five hours credit.*

Each Semester.

Prerequisite, one year each of algebra and geometry. A rapid review of first year algebra; exponents, surds, imaginaries; theory of quadratics; graphs; ration, proportion, variation; series; logarithms; determinants; theory of equations; Horner's method of approximations. For students entering with only one year of Elementary Algebra.

9.—COLLEGE ALGEBRA. *Three hours credit.*

Summer Term and Each Semester.

Prerequisite, one and one-half years of high school algebra or course 4. Rapid review of elementary algebra; graphic representation; logarithms; theory of equations; Horner's method of approximations; determinants.

50.—ANALYTICS. *Four hours credit.*

First Semester.

Prerequisite, courses 6 and 8. Coördinates, locus of an equation, equation of locus, straight line; the more common curves, as circle, parabola, etc., and the relations between them. Plane analytics only will be considered.

50s.—ANALYTICS. *Three hours credit.*

Summer Term only.

Prerequisite, same as for 50. Selected topics from course 50, which will be of most value to students attending during the summer who are unable to take course 50 through the year.

51-52.—CALCULUS. *Seven hours credit.*

Through the year; three hours First, and four hours Second Semester.

Prerequisite, Plane Analytics. Summer Term upon sufficient derivatives, maxima and minima of functions, curvature, tracing of

simple curves, indeterminate forms, series, the expansion of functions and numerous application to problems in mechanics and physics. Integration, reductions to standard forms, use of integrating tables, definite integrals, finding of areas, volumes, lengths of curves, numerous applications to problems of physics. Differentiation and integration will be carried on simultaneously so as to bring out the connection between them the more clearly.

51s.—CALCULUS. *Three hours credit.*

Prerequisite, Plane Analytics. Summer Term upon sufficient demand.

53.—TEACHING OF SECONDARY MATHEMATICS. *Four hours credit.*

Summer Term, and Second Semester.

Prerequisite, course 6. A critical historical survey of recent and present-day movements in the teaching of secondary mathematics, correlation of subjects, creation of interest, tests and examinations, definitions and axioms. Consideration of the topics of algebra, geometry and elementary trigonometry from the standpoints of presentation, placing of emphasis, difficulties and their remedies, making of problems and the collection of data for the same, historical points of reference connected with each. Observation of model teaching in the Training High School.

54.—ASTRONOMY. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, Plane Geometry. The usual work of descriptive astronomy will constitute the course.

55.—HISTORY OF MATHEMATICS. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, courses 6 and 8.

56.—SOLID ANALYTIC GEOMETRY. *Two hours credit.*

Second Semester.

Prerequisite, course 50 or 50s. The course will include a treatment of geometry of space from the analytic standpoint, similar to that of plane analytic geometry.

57.—DIFFERENTIAL EQUATIONS. *Three hours credit.*

First Semester.

Prerequisite, course 52. Ordinary differential equation will be studied in which much attention will be given to applications. The great advantage of the differential equation as a mathematical instrument will be brought out.

58.—HIGHER ALGEBRA. *Two hours credit.*

Second Semester.

Prerequisite, Analytic Geometry. Number field, number systems; complex numbers; limits; series; cubic and quadratic equations; theory of equations; infinite products; Taylor's theorem; multiple roots.

Modern Languages.

Professor DUDLEY.
Associate Professor BROOKAUER.
Miss STADLER, Instructor.

The equipment of the Department of Modern Languages consists of about five hundred department books in the library, including a fairly complete list of reference books, a complete set of two hundred twenty

volumes of the Deutsche National-Litterateur and a set of the Allgemeine Deutsche Biographie; one philological, one pedagogic, two literary periodicals, a weekly German newspaper, and one French periodical; a wall map of France, and two physical maps and one political map of Germany, a wall map for Schiller's Wilhelm Tell; a set of eight Holzel and Holz pictures for use in free composition and in methods; a spectro-scope and several hundred post cards of various parts of Germany and France, and illustrating various phases of life in those countries; an increasing collection of framed prints and photographs, including those of statesmen and writers; Kürschner's Das ist des Deutschen Vaterland; Könnecke's Bilderatlas zur Geschichte der Deutschen National Literatur, LaFrance, a finely illustrated geographical description of France in two volumes.

MINOR.

A minor of fifteen hours must be selected from the work of other departments. The following minors are suggested: History, English, Science, General Pedagogy, Latin. In addition to the major and minor requirements students majoring in German are urged to take the following subjects which broaden and strengthen the major: Advanced English, six to eight hours; French, ten hours; European History, six to eight hours; Sociology, three to six hours; Public Speaking, three to five hours.

GERMAN.

1.—ELEMENTARY GERMAN. I. *Five hours credit.*

Summer Term, and each Semester.

No prerequisite in German. Texts: Gohdes and Buschek's Lern-und Lesebuch, 75 pages. Walter Krause's First German Reader, 30 pages. The course includes a scientific study of pronunciation by the application of the principles of phonetics; also reading, practice in memorizing prose and poetry, reproduction, writing from dictation, and free composition based on one Holzel and Holz picture. The purpose of the course is to lay foundations for reading, speaking and writing the German by giving as much of a feeling for the language as possible. The work is done partly in German.

2.—ELEMENTARY GERMAN II. *Five hours credit.*

Summer Term, and each Semester.

Prerequisite, Elementary German I, or one unit of high-school German. The texts, Gohdes and Buschek's Lern-und Lesebuch and Walter Krause's First German Reader, are completed, and one short story, Gerstäcker's Germelshausen, or a comedy, Fulda's Unter vier Augen, or the equivalent, is read. The drill in pronunciation, memorizing, free reproduction of simple German, and writing from dictation begun in Elementary German I is continued throughout this course. The work is done partly in German.

3.—INTERMEDIATE GERMAN PROSE. *Five hours credit.*

Summer Term, and each Semester.

Prerequisite, course I and II, or two units of high-school German. The purpose of this course is (1) to give the students practice in reading interesting prose of intermediate difficulty, (2) to review nouns, pronouns, and adjectives, and (3) to give practice in writing German by means of exercises based on the texts read. About 140 pages are read from the following texts or their equivalent.

lent: Storm's Immensee, Wildenbruch's das edle Blut, or Baumbach's der Schwigersohn, and Keller's das Fäbulein der sieben Aufrechten. The work is done partly in German.

4.—INTRODUCTORY CLASSIC COURSE. *Five hours credit.*

Summer Term, and each Semester.

Prerequisites, courses 1, 2 and 3, or three units of high-school German. In this course two or three selections are made from the following texts: Schiller's Wilhelm Tell, die Jungfrau von Orleans, Maria Stuart, Lyrics und Ballads, Lessing's Minna von Barnhelm, Goethe's Hermann und Dorothea. In addition to the texts read, verbs are reviewed thoroughly, and one day in the week is devoted to prose composition. The work is done partly in German.

5.—INTERMEDIATE PROSE COMPOSITION. *Three hours credit.*

Summer Term, and First Semester.

Prerequisite, course 4, or its equivalent. The texts used are Thomas's A Practical German Grammar and Pope's Writing and Speaking German. In connection with the composition exercises in Pope, the principles of the grammar are reviewed by the use of the Thomas Grammar.

6.—ORAL COMPOSITION. *Two hours credit.*

Second Semester.

Prerequisite, course 4. Text, Boezinger's Mündliche und schriftliche Übungen. In addition to the text the students are required to commit to memory and give publicly a short German comedy. No written work is required, and the work is done in German except the stage drill in connection with the comedy.

7.—SCIENTIFIC PROSE. *Five hours credit.*

On sufficient demand.

Prerequisite, course 2, or its equivalent. The course is intended for students majoring in mathematics, science, or pedagogy, and its purpose is to give a scientific vocabulary. The texts used are a reader and other material chosen according to the needs of the class, and Bernstorff's A Handbook of German Grammar. There is no composition and no conversation. The work consists of reading as rapidly as possible the texts selected, using the grammar for reference when constructions and forms are not understood. About two hundred pages are read.

8.—GOETHE'S LIFE AND WORKS. *Three hours credit.*

First or Second Semester.

Prerequisite, course 5. The course consists of the study of Goethe's life, with such attention to literary and social conditions of his time in Germany as is necessary to an understanding of the author and his works. Two of his dramas, such as Egmont and Iphigenie auf Tauris, are read, also selections from his lyrics, or from Dichtung und Wahrheit. Students are required to write a term theme on some phase of the work.

9.—LESSING'S LIFE AND WORKS. *Three hours credit.*

Summer term, or First or Second Semester.

Prerequisite, course 5. The same general method is pursued as in course 8. In connection with the works read lectures are given by the instructor on the drama in Germany before Lessing, and also on Lessing's work as a critic.

10.—SCHILLER. *Three hours credit.*

First or Second Semester.

Prerequisite, course 5. The aim of the course is to acquaint the student with the various periods of Schiller's literary activity by the study of his dramas. *Die Räuber*, or *Kabale und Liebe*, *Don Carlos*, and *Maria Stuart*, or selections from *Wallenstein* are read.

Of courses 8, 9, and 10, only two will be counted toward a major in German.

50.—NINETEENTH CENTURY FICTION. *Three hours credit.*

First Semester.

Prerequisite, courses 5 and 8, or 9 or 10. The aim of this and the following course is to introduce the students to the men and movements which have had a determining influence in the shaping of modern German literature. Kleist, Eichendorff, Keller, Meyer, Fontane, Rosegger, Sudermann are studied in representative works.

51.—NINETEENTH CENTURY DRAMA. *Three hours credit.*

Second Semester.

Prerequisite, courses 5 and 8, or 9 or 10. Witkowski's *German Dramatists of the Nineteenth Century* is used in connection with dramas read from Kleist, Grillparzer, Hebbel, Ludwig, Hauptmann, and Sudemann. Much of the work is done in German.

52.—GOETHE'S FAUST. *Three hours credit.*

On sufficient demand.

Prerequisite, courses 5 and 8. Part I of *Faust* is read, and selections from part II, with a careful study of the sources, and the development of the work from its inception to its completion.

53.—HISTORY OF GERMAN LITERATURE I. *Two hours credit.*

On sufficient demand.

Prerequisite, course 50, or 51, or 52. Texts: Thomas's *History of German Literature* and his *German Anthology*. Ten chapters in the *History* and 280 pages in the *Anthology* are included in this course, with lectures by the instructor and papers on important phases of the work by members of the class.

54.—HISTORY OF GERMAN LITERATURE II. *Two hours credit.*

On sufficient demand.

Prerequisite, course 50, 51 or 52. The course begins with the seventeenth century and ends with the close of the nineteenth. The texts begun in course 53 are finished in this course, and in addition to the *Anthology* selections are read from the principal writers of the nineteenth century.

55.—PHONETICS. *One hour credit.*

Summer Term, or on sufficient demand.

Open to students by consent of the instructor. The course consists of a careful study of the organs of speech by means of plates, casts, and stereoscopic views; the study of the formation of German speech sounds from the point of view of the organs of speech, and the phenomena of the sounds themselves, the classification of the sounds according to their position and formation; the practical application of the principles studied by means of reading, and the study of sentence stress, or accent.

56.—TEACHING OF SECONDARY GERMAN. *Two or four hours credit.*

Summer Term, and Second Semester.

This course deals with the educational value of the German, and the principles underlying the teaching of living languages; with the aims of a course in high-school German and the methods of preparing and presenting the material in the texts from the standpoint of the aims, and also of arousing and increasing the interest of the pupils; with the methods of increasing the pupil's vocabulary, and ability to speak the German; with supplementary material—pictures, games, songs, proverbs, riddles, dialogues, and the organization of a high-school course in German. This part of the course gives two hours credit. Observation in high-school classes in German taught by regular instructors of the department, lesson plans prepared and presented for criticism, and teaching at least ten times during the semester together with a prescribed course of reading on the teaching of the modern languages, give two hours additional credit required of students majoring in the department who do not take course 57.

57.—PRACTICE TEACHING. *Two hours credit.*

Open to students by the consent of the head of the department. This course consists of twenty-five minutes teaching daily for one semester in the sixth, seventh or eighth grade of the Training School under the supervision of the critic teacher in German, together with the preparation of lesson plans, the preparation and adaption of the material to the needs of the class, the acquisition of the necessary vocabulary and the learning of games and songs for use in the class. The purpose of the course is to prepare teachers of German for Junior high school.

FRENCH.

The equipment for the study of French has been included in the description of the equipment of the department at the head of the section.

The courses offered in French have as their aim a reading knowledge of the language for cultural, scientific, or graduate purposes, and also with the hope that the brief glimpse of the language, literature and people may lead the student to pursue the study of French elsewhere. Students majoring in German are urged to take at least ten hours of French.

1.—ELEMENTARY FRENCH I. *Five hours credit.*

First Semester.

No prerequisite. Texts: Maloubier and Moore, First Book in French, and Francois and Giroud, Simple French. Twenty-two lessons from the grammar and fifty pages in the reader are covered in this course, which includes a careful drill in pronunciation by the use of phonetic symbols, oral and written compositions, memorizing prose and poetry, and writing from dictation. The work is done partly in French.

2.—ELEMENTARY FRENCH II. *Five hours credit.*

Second Semester.

Prerequisite, course 1. The texts used in course 1 are completed in this course and the same general method is pursued as in the first course. In addition to the reader, two texts are read, such as Malot's Sans Famille, and Labiche et Martin's Le Voyage de M. Perrichon.

3.—MODERN FRENCH. *Three hours credit.*

First Semester.

Prerequisite, course 2, or its equivalent. One hundred and fifty pages of fiction and drama are read, selections being made from the following authors: Merimee, Bazin, LaBrete, Anatole France, George Sand. In addition to the texts read, Francois' Alternate Exercises for Introductory French Prose Composition is used for composition and review of the principles of grammar.

4.—ADVANCED FRENCH. *Three hours credit.*

Second Semester.

Prerequisite, course 3, or its equivalent. In this course two hundred pages of prose and poetry are read from writers of the eighteenth and nineteenth century, and composition is continued from the text by Francois used in course 3.

General Pedagogy Group.

Professor TRIPLETT.
 Professor LULL.
 Professor MONROE.
 Professor CULTER.
 Professor CAROTHERS.
 Professor HARRIS.
 Professor ALDER.
 Associate Professor DE VOSS.

PEDAGOGY SEMINAR. *One hour credit.*

Summer Term, and each Semester.

The class will meet for a double recitation period once in two weeks. A course in research for advanced students, conducted by all the instructors giving work in general pedagogy. Problems in educational and clinical psychology, school administration, city and rural, history and principles of education, are studied. To be taken only on consultation with the men in the department. This course is the outgrowth of what has been known as "The Psychology Club."

PSYCHOLOGY AND PHILOSOPHY.

Professor TRIPLETT.
 Associate Professor DE VOSS.

PSYCHOLOGY.

1.—GENERAL PSYCHOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Required for Life Certificate and a prerequisite for all other psychological and philosophical courses. A systematic treatment is given with some attempt at pedagogical application. Some experimental work in the line of illustration, a number of class experiments, and special topics for individual study and report are given. Should be taken in sophomore year; by permission may be taken in second semester of freshman year.

2.—CHILD PSYCHOLOGY. *Two hours credit.*

Each Semester.

Elective. Course 1 is a prerequisite. Treats generally of the mental development of children, aiming to give a point of view. Seeks to give a knowledge of the nature and needs of the child at the different periods of his growth. Direct observations are made and various investigations studied.

3.—GENETIC PSYCHOLOGY I. *Two hours credit.*

Second Semester.

Elective. Prerequisite, course 1. In this course a study of the behavior of animals is made, and comparisons drawn with human activity, especially that of children. All psychology is becoming genetic and functional in character, and a proper study of life activities of any kind, and especially those bearing upon education, must take into account this development phase of the subject. Given in alternate years.

6.—SOCIAL PSYCHOLOGY. *Two hours credit.*

First Semester.

Elective. Prerequisite, Course 1. A study of those interests and instinctive tendencies of the mind that are the result of the community life of the race. It is meant to throw light on the nature of society and to give a basis for a more truly social pedagogy.

50.—PSYCHOLOGY OF RELIGION. *Two hours credit.*

On sufficient demand.

Elective. Prerequisite, course 1. A study of the psychological phases of religion, with the aim of improving the quality of religious pedagogy, particularly in Sunday-school and missionary work.

52.—EDUCATIONAL PSYCHOLOGY. *Three hours credit.*

Summer Term, and Second Semester.

Required. Prerequisite, course 1. In this course important topics in psychology are treated in their educational aspects. Many of these—of the utmost value for the teacher—such, for instance, as the learning process, economical methods of memorizing and making associations, the education of the senses, intelligence tests, etc., have little or no space in the ordinary text book. Each student also, as a special study, is required to deal with the psychology of some subject in the curriculum, as the psychology of spelling, of reading, of arithmetic, and the like.

53.—PSYCHOLOGY OF ADOLESCENCE. *Three hours credit.*

Summer Term, and First Semester.

May be taken in place of course 52. Prerequisite, course 1. A study of the important physical, mental and moral changes which are natural to adolescence. Given with the aim of laying a foundation for the pedagogy of secondary instruction.

55.—CLINICAL AND ABNORMAL PSYCHOLOGY. *Three hours credit.*

Second Semester.

A study which includes disturbances and defects of personality. A study of the arrested and dull, the gifted and the genius. Attention is given also the psychology of capacities and the Binet measuring scale of intelligence and other mental tests, using Whipple's Manual. The various phases of the psychology of tension and catharsis, the methods of psycho-analysis, including the association method, hypnotism, etc., are given some attention.

56.—VOCATIONAL PSYCHOLOGY. *Two hours credit.*

First Semester.

Prerequisite, course 1. Education has become interested in the task of finding how it may better ascertain and direct the vocational interest of children. This course presents some of the problems and methods of the branch of applied psychology which deals with individual differences in mental constitution and which has given us a beginning in the work of vocational direction.

57.—GENETIC PSYCHOLOGY II. *Two hours credit.*

Second Semester.

Elective. Prerequisite, course 1. A study of the behavior of primitive man, tracing his mental, moral, religious, æsthetic, social and industrial development in those aspects which concern the genesis of the subject matter of education. A special reference to the mental life of the child among primitive people.

PHILOSOPHY.

60.—ETHICS. *Three hours credit.*

First Semester.

Elective. This course begins with a study of the developmental side of the subject. Attention is then given to the systematic side and practical applications made.

61.—HISTORY OF ANCIENT AND MEDIÆVAL PHILOSOPHY. *Two hours credit.*

First Semester.

Elective. This course includes (1) Greek and Roman philosophy, with the emphasis on Plâto and Aristotle; (2) a rapid survey of early Christian and scholastic philosophy.

62.—HISTORY OF MODERN PHILOSOPHY. *Two hours credit.*

Second Semester.

Elective. Presenting modern philosophy from Descartes to Kant.

63.—PHILOSOPHICAL SYSTEMS. *Three hours credit.*

Second Semester.

Elective. A systematic study of historical and current systems, such as materialism, realism, the various brands of idealism, etc.

64.—PROBLEMS IN MODERN PHILOSOPHY. *Two hours credit.*

First Semester.

Elective. A study of certain tendencies in modern thought, such as absolute idealism, pragmatism, Bergsonism, etc. The content of this course varies with the time of offering it. Timeliness is made the guide.

SCHOOL ADMINISTRATION.

Professor MONROE.
Professor LULL.
Professor CAROTHERS.

1.—GRADED-SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, Methods in Elementary Instruction. May be taken at the same time as Methods in Elementary Instruction, after the student has completed one semester of college work. This course includes reading and reports upon the technique of the classroom management. Students having satisfactory teaching experience may secure permission to meet this requirement by a course entitled Educational Measurements I.

10a.—EDUCATIONAL MEASUREMENTS I. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, Methods in Elementary Instruction. A course for teachers and supervisors in which they study how to make and use educational measurements. Students having had satisfactory teaching experience may secure permission to use this course to meet the requirement for Graded School Administration.

10b.—EDUCATIONAL MEASUREMENTS II. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, Methods in Elementary Instruction. It is intended as a companion course to Educational Measurements I.

50.—HISTORY OF MODERN EDUCATION. *Three hours credit.*

Second Semester.

Beginning with the work of Rousseau and Pestalozzi, the development of our schools, their curriculum and the methods of teaching, will be examined in some detail. Special emphasis will be placed upon educational progress in the United States, and the whole account will be brought down to date. Recent and present educational progress will be considered.

51.—THE HISTORY OF ANCIENT EDUCATION. *Three hours credit.*

On sufficient demand.

Open to students who have studied ancient history. This course aims to be of service to students intending to become secondary-school teachers of Greek and Roman history or Latin. Important phases of the life of the Greeks and Romans of the several periods are studied, in order to gain a clear conception of the evolution of the educational ideals and practices of these people and the influence of these ideals and practices upon Greek and Roman life.

53.—SUPERVISION OF INSTRUCTION. *Two hours credit.*

Summer Term, and Second Semester.

Prerequisite, Methods in Elementary Instruction and Educational Measurements I. The course is intended for teachers and principals in elementary schools. It deals with scientific management applied to the supervision of the teaching of the common branches.

55.—PRINCIPLES OF EDUCATION. *Three hours credit.*

Each Semester.

Prerequisite, sixty hours of College credit, including Methods in Elementary Instruction or Methods in High-school Instruction. Required of all degree students. This course is devoted to the consideration of the function of the school as an institution of society, the curriculum, and the principles underlying the administration of the curriculum.

60.—EDUCATIONAL ADMINISTRATION. *Three hours credit.*

Second semester.

Prerequisite, Principles of Education. This course is designed as a sequel to Principles of Education, and deals with the application of the principles to school subjects. Economy of time in education and the reorganization of the curriculum receive special emphasis.

61.—FUNDAMENTAL PROBLEMS OF ADMINISTRATION. *Three hours credit.*

Summer Term, and Second Semester.

Prerequisite, sixty hours of College credit, or special permission from the instructor. Plans of course: To discover the educational needs, and then to determine as far as possible to what extent the present systems of administration should be reorganized. State and county (or other similar local unit) administration. Local administration, including cities and towns. General administration of instruction, secondary and elementary, with emphasis upon vocational instruction. (Lull.)

62.—HIGH-SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

Historic sketch of secondary education; growth of secondary education in Kansas; survey of high schools in the state; problems of discipline; athletics; schedule-making teaching pupils to study; the library; the village type of mind and its bearing on school administration.

The course is for principals and superintendents of small towns and deals with the school system from the point of view of the village community. (Carothers.)

70.—EDUCATIONAL RESEARCH. *Hours of credit to be arranged.*

Summer Term, and each Semester.

A course for advanced students. It may be taken by correspondence. Student should consult the instructor before enrolling in this course.

RURAL SCHOOL ADMINISTRATION.

Professor CULTER.

1.—RURAL-SCHOOL ADMINISTRATION. *Two hours credit.*

Summer Term, and each Semester.

This course is intended for those who are interested in rural schools or intend to teach in consolidated or small village schools. It consists of a study of the school site and grounds, modern school-houses, school hygiene and sanitation, training of teachers, play and playgrounds, the library and its uses, agriculture, consolidation, standardization of rural schools, etc. Emphasis will be placed on conditions as they exist in the country, and how to bring about a closer union of school and home.

2.—METHODS IN RURAL-SCHOOL INSTRUCTION. *Three hours credit.*

First Semester.

This course satisfies the former requirement of three hours of general methods and observation. Its aim is to give the student instruction in how to teach the common branches of the rural school curriculum. Some of the underlying principles of general methods will be studied and then their application to specific subjects will be considered. The motivation and socialization of subjects in the country school program and the primary work of the rural school, such as primary reading, number work, seat work and language work will receive attention.

5.—METHODS IN RURAL-SCHOOL INSTRUCTION AND ADMINISTRATION.

Five hours credit.

Each Semester.

This course gives instruction in the teaching of the common school subjects, adapting methods and plans to conditions found in the rural schools. Combined with this course is the course in Rural-School Administration. This course satisfies the life certificate requirements for methods and school administration.

8.—RURAL LIFE PROBLEMS. *Three hours credit.*

Summer Term, and Second Semester.

This course consists of a discussion of the problems of rural life under the general topics of The Rural Problem, Rural Industrial Problems, and Rural Social Problems. We consider the specific problems of isolation, tenancy, roads, movement of farm population, home environments, schools, the church, farm organizations, social life, etc.

10.—COUNTY SUPERVISION. *Two hours credit.*

First Semester.

In this course a study is made of certain sections of the Kansas school law, comparing our laws with those of other states. Other subjects considered are office work and the making of official papers, organization and administration of rural schools, maintenance of schools, supervision of rural schools, schoolhouse and grounds, consolidation, etc., using as a text Cubberley's Rural Life and Education and the Twelfth Yearbook of National Society for the Study of Education. This course is offered by correspondence.

15.—NEEDED SCHOOL LEGISLATION. *Two hours credit.*

The class will meet one evening each week for two recitation hours. The purpose of this course is to make a comparative study of the school laws of the different states and the various educational reports, with a view to framing one or more educational bills.

50.—STATE AND COUNTY SCHOOL ADMINISTRATION. *Three hours credit.*

Summer Term.

The work of this course will be based on Cubberley's Source Book in the above subject. Division one of this text treats of American federal and state policy; division two, of State Administration Organization; division three, of Extent of the Educational System; division four, of Financing the School System; division five, of Material Environment and Equipment; division six, of The State and the Teacher; and division seven, of the Oversight of the State.

As this is a source book, no principles are established nor conclusions drawn. These will be left for the class to formulate. The class work will be conducted in the following manner: One member of the class will be assigned a certain topic, as Training of Teachers. He will study the subject, write his conclusions, and present them to the class. In the meantime the class will have studied the subject, and when the paper is presented the class will be ready to discuss and criticize the conclusions of the one who has made a special study of the subject. In this way each one will make a thorough study of a few topics and get a general view of all the work.

METHODS AND PRACTICE.

Professor LULL.
Professor MONROE.

1.—METHODS IN ELEMENTARY INSTRUCTION. (Formerly General Methods and Observation.) *Three hours credit.*

Summer Term, and Each Semester.

This is a foundation course for teachers and must be taken as a prerequisite to observation and teaching in the Elementary Training School. It deals with the principles involved in selecting subject matter of instruction which are best adapted for accomplishing the functions of elementary education. (Lull.)

50.—METHODS IN HIGH-SCHOOL INSTRUCTION. *Three hours credit.*

Summer Term, and Each Semester.

Prerequisite, General Psychology and 40 hours of College credit. A course in general methods applied to high-school subjects. Special attention will be given to the teaching of pupils to study. Beginning September, 1917, this course will be required as a prerequisite for observation and teaching in the Normal Training High School, or for equivalent courses. (Monroe.)

A.—KINDERGARTEN DEPARTMENT.

Professor ALDER.
Miss BINGHAM, Instructor.

The Kindergarten Department offers to four-year high-school graduates and those with equivalent training a two-year college course. Students are encouraged, however, to continue their work through the four years, that they may receive the degree of bachelor of science (in education), and more thoroughly equip themselves as teachers. The department aims to give a thorough and practical training to those who desire to fit themselves to become kindergarten directors. It also offers helpful courses to students specializing in primary work. The department includes, besides the training class, a well-equipped kindergarten. Here the students are given ample opportunity for observation and practice in teaching. The Kindergarten Department, as an integral part of the larger whole, seek to keep in close touch with the broadening educational field, and to bring its practices into accord with the modern thought and methods. Each year brings an increased demand for well-trained kindergartens in Kansas, as each year sees new kindergartens added to our city school systems.

1.—PRACTICE TEACHING IN KINDERGARTEN I. *Four hours credit.*

Each Semester.

Prerequisites, general methods and observation, kindergarten technics, handwork, plays and games. Students spend two and one-half hours daily observing and teaching in the kindergarten under supervision. They prepare lesson plans and attend conferences.

2.—PRACTICE TEACHING IN KINDERGARTEN II. *Four hours credit.*

Summer Term, and each Semester.

A continuation of Course I. Students teach and observe in the kindergarten two and one-half hours daily under supervision, prepare written plans and attend conferences. Each student is responsible for a group of children, and is called upon to take charge of the kindergarten at stated times.

3.—KINDERGARTEN TECHNICS. *Two hours credit.*

First Semester.

A study of the activities of young children. An analysis of the common play materials of children as a basis of determining the principles governing the selection and use of materials in the kindergarten. The Froebelian gifts; the principles on which they were planned. Modern adaptations and modifications of these. Practice in the manipulation of materials. A study of methods in the use of materials.

4.—HANDWORK FOR THE KINDERGARTEN AND PRIMARY GRADES. *Three hours credit.*

Second Semester.

A study of the principles and methods which give educative value to handwork for young children. The aim is to discuss and use practically materials in which may be found the beginnings of art and of industry, and also, materials which meet the constructive instinct as it functions in the play life of the child.

5.—PLAYS AND GAMES. *Two hours credit.*

Summer Term, and each Semester.

A study of the different periods in a child's development, the instincts, impulses and natural play activities of each period. The significance of play as a factor in education; its relation to work. A study of different types of games. Selection and adaptation of games for kindergarten and primary use. The actual playing of games.

6.—KINDERGARTEN THEORY. *Three hours credit.*

First Semester.

This course aims to give an insight into child nature and its needs as a basis for kindergarten procedure. The work is carried on by means of observation of children in kindergarten and home, by the study of Froebel's "Mother Plays" and of more modern child-study literature. A comparison is made between the kindergarten procedure as developed by Froebel and that of to-day, reconstructed in the light of modern genetic psychology and child study.

7.—KINDERGARTEN PROGRAM *Three hours credit.*

Second Semester.

Prerequisites, Kindergarten Technics, Handwork, Plays and Games and Kindergarten Theory. The study of kindergarten activities and materials leading to the organization of a kindergarten program. The principles controlling such an organization. Each student will be required to write in outline a year's plan of work for a kindergarten, and will also plan the equipment for a kindergarten.

8.—WEEKLY CONFERENCE. *No credit.*

One hour each week throughout the Kindergarten course.

Required of all kindergarten students. A study of the Kindergarten program as it is carried out from week to week in the Normal School kindergarten, with a discussion of subject matter, materials and methods, and a study of individual children. This course forms the class conference for those doing observation and practice teaching in the kindergarten.

B.—PRIMARY DEPARTMENT.

Professor HARRIS.

Miss GRAVES, Assistant.

Mrs. WALTON, Assistant.

2.—PRIMARY METHODS. *Four hours credit.*

Summer Term, and each Semester.

Prerequisite, Methods in Elementary Instruction, or Rural School Instruction. The purpose of this course is to offer in lecture form a critical study of methods of presenting the principal subjects of instruction in the lower grades. This work is more extended and definite on the various subjects than is possible in the limited time available in connection with the academic and advanced treatment of the same. The teacher will be led to test methods and to govern their application by the laws of the mind. After each subject is completed illustrated lessons will be given with the pupils of the first three grades of the Training School.

(1) *Primary Methods*—Meaning and purpose.

(2) *Reading*—A study of methods, past and present.

The teacher's problems in connection with "beginning Reading" without text. The teacher's problems when using the text. Thought work, including expression, dramatic work, etc. Mechanics, melodic-phonics, word study, drills, etc. Lists of the best readers.

(3) *Nature Study and Language*—Selecting the material for nature study. How used as a foundation for the language work. The purpose of language in the lower grades. The use of the picture, poem and story, and how correlate with the nature work. Mechanics of language.

(4) *Primary Numbers*—A study of methods, past and present. The teacher's guide in selecting and presenting material. What shall we teach? How? Means of presenting new ideas through use of objects, construction work, etc. Drills—purpose of. Formal drills, devices, games, etc.

(5) *Geography*—Its place in the primary course. Life work and map work throughout the lower grades. Home or local geography. Outdoor and field lessons, excursions to shops, etc. The use of sand modeling, posters, stories, pictures, etc., in teaching primary geography.

(6) *Music*—The two phases of work—rote singing and the mechanics of music. Value and use of each. Tone work, breathing, rhythm, ear training, eye training; analysis of songs, and how to teach them. (Harris.)

PRACTICE TEACHING.

Kindergarten Supervisors:

Miss LOUISE M. ALDER.

Miss ANNA BINGHAM, Assistant.

Primary Supervisors:

Miss ACHSAH MAY HARRIS.

Miss JOHNIE MAY GRAVES, Assistant.

Miss MARY GEORGE, Assistant.

Mrs. JESSIE WALTON, Assistant.

Grammar Grade Supervisors:

Miss JENNIE WILLIAMS, Geography.

Miss AVICE WRIGHT, Arithmetic.

Mr. JOSEPH H. WILSON, English.

Miss FLORENCE BILLIG, Science.

———, History and Civics.

Miss ELIZABETH BEYE, Home Economics.

Mr. GEORGE K. WELLS, Manual Training.

Miss CATHERINE E. STROUSE, Music.

Miss EMMA L. GRIDLEY, Drawing.

Miss NORA HALL, Assistant, Drawing.

Mr. GEORGE R. BABB, Physical Training.

Miss IRENE WATSON, Physical Training.

Miss BABETTA STADLER, German.

———, Latin.

OBSERVATION AND TEACHING. *Four hours credit.*

Summer Term, and each Semester.

For prerequisites, see Life Certificate and Requirements, page 41.

The Elementary Training School will be conducted for purposes of observation and teaching in the various grades. The classes will be in charge of the supervisors. Students will be allowed the opportunity of teaching just as far as they are able to do the work without detriment to the pupils in the class. Observation will be combined with teaching. Students will be required to attend conferences conducted by the supervisors to discuss the work in which they have participated as observers and teachers.

MUSIC.

FRANK A. BEACH, Director Normal School of Music, Professor of Voice.
Theory and Public School Music.
ADA BAUM, Piano.
ROSALIE BRIGHAM, Piano and Voice, High School Students.
GERTRUDE GAMBLE, Public School Music, Theory.
MARCELLUS C. GRADY, Wind Instruments and Band.
EVALINE M. HARTLEY, Voice Training.
GLADYS HAWKINS, Piano and Intermediate Methods in Piano.
JOSEPHINE JONES, Voice Training.
GEORGE KEENAN, Stringed Instruments and Orchestra.
HARRY R. MURRISON, Voice.
MABEL MURRISON, Piano and Sight Reading.
HARRIET TRUTSMAN, Piano, Organ and Theory.
E. ANNA STONE, Piano for Children Juvenile Methods
CATHERINE STROUSE, Supervisor in Training School; Methods

PUBLIC-SCHOOL MUSIC.

The demand for supervisors of public-school music in its various phases who are also thoroughly equipped along academic lines has led to the organization of a four years college course which will have music for its major. Upon its completion graduates may teach in addition to High-school Music, any other High-school subject for which they are prepared. For this course the state will, upon the approval of the Board of Administration, grant a degree which probably will be designated as Bachelor of Music in Education.

In addition to the academic work deemed essential for a proper general equipment, there is offered for teachers and supervisors of music, specific training in sight singing, ensemble practice, elementary harmony and ear training; courses in the appreciation of music, both for the development of the individual and for teaching purposes; definite experience in the planning of outlines for the various grades and high school, as a part of the course in public-school music methods; instruction in individual voice production and singing, as well as in the care and development of children's voices; experience in chorus conducting, and practice teaching of classes of children in the Training School and in the High School under the criticism of a supervisor of wide preparation and experience.

Two-year courses are offered in voice, piano, pipe organ, violin, stringed and wind instruments, including theory and history of music, music appreciation, musical analysis, methods, and practice teaching.

Students who wish to complete any of the above-named branches may receive a general academic equipment, a thorough preparation for the profession of teaching, specific training in music, and proficiency in public performance. Those students who can spend only a part of their time in the study of music may take up special work suited to their needs and attainments, thereby increasing their efficiency as teachers in the public schools.

The work of the year is interspersed with public recitals and concerts given by pupils and members of the teaching staff. A number of organizations are also maintained by the department. Two orchestras, a band, men's and women's glee clubs, the Treble Clef Club, and the Musical Art Society are organizations free to students who can derive benefit therefrom. The Choral Union—the all-school chorus

for which credit is allowed—affords opportunity for study of the oratorios and large secular compositions. (See Public School Music, Course 14.)

Credit is allowed for all work satisfactorily completed in class recitation, as stated after each course; students enrolling in individual instruction—piano, voice, or violin—will be granted credit, applicable as an elective toward any certificate or upon the degree, one hour of credit being given for eighteen lessons with the necessary preparation for each lesson.

Several courses, which are both cultural and practical, are offered to prepare the prospective teacher and principal to mold the taste of his school and community along musical lines.

All certificates and diplomas issued in music will be found listed on page 106.

Courses 1, 2, 3, 9, 14, 16, 17, 18, 26, and 27 apply on certificate requirements, if prescribed. They will not apply on the degree after September, 1918.

1.—ELEMENTARY SIGHT SINGING. *Two hours credit.*

Each Semester.

Deals with the elements of music, rote singing, the facts of time and tune, with their staff representation, leading to the reading of one-part music. Students electing music for the Certificate for Special Proficiency in Intermediate and Grammar Grade Teaching, Primary Teaching or Kindergarten Teaching should take this course.

2.—INTERMEDIATE SIGHT SINGING. *Two hours credit.*

Second Semester.

This course is designed to succeed 1 or 1a.

3.—ADVANCED SIGHT SINGING. *Two hours credit.*

Second Semester.

Sight reading in three and four parts.

4.—KINDERGARTEN AND PRIMARY MUSIC METHODS. *Two hours credit.*

Summer Term, and second half of each Semester.

Students electing music for the Certificate for Special Proficiency in Kindergarten or Primary Teaching should take this course together with Public-school Music 1, or 1a, or 2.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

5.—MUSIC METHODS FOR GRAMMAR GRADES. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, course 2, or equivalent. An outline of the work of the various grades, choice and use of material, voices and interpretation. Students electing music for the Certificate of Special Proficiency in Intermediate and Grammar Grade Teaching should take this course.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

6.—MUSIC METHODS FOR HIGH SCHOOLS. *Two hours credit.*

Open to those who have completed requirements for Supervisor's Certificate. This course deals with the methods of presenting the subjects as regularly taught in a high school offering music as an accredited subject. They are as follows: Notation, Melody Writing,

Elementary Harmony and Part Writing, Harmonic Analysis, Advanced Harmony, Music History and Appreciation, Music Form and Analysis, and Chorus Conducting.

8.—RURAL SCHOOL TEACHERS' COURSE. *Three hours credit.*

Summer Term.

This course deals with the subject matter and methods of public-school music for ungraded and small schools in third-class cities. Drill in rhythm, intervals and individual singing are included. Students electing music for Certificate for Special Proficiency in Rural-school Teaching should take this course.

9.—CHORUS CONDUCTING. *One hour credit.*

This includes the problems of classifying voices, effective arrangement of parts, selection of material, correct use of baton, and the securing of variation in tempo and dynamics.

10.—MUSIC MATERIAL I, including CHORUS SINGING I AND CONDUCTING. *Two hours credit.*

A course dealing with the selections and use of sacred and secular music of the various vocal types and bibliography of scores, and a critical analysis of musical content.

10a.—MUSICAL MATERIAL II, including CHORUS SINGING AND CONDUCTING. *Two hours credit.*

11.—MUSIC APPRECIATION FOR BEGINNERS. *One hour credit.*

Open to nonmusic students or those who are not specializing in music. The purpose of the class is to acquaint students with standard vocal and instrumental compositions and enable them to listen with discrimination. Students are afforded opportunity for laboratory study of phonograph records and pianola rolls.

12.—MUSIC HISTORY AND APPRECIATION I. *Two hours credit.*

First Semester, and Summer Term.

Designed for prospective teachers and supervisors. The course deals with the development of music, and is based upon a standard text, illustrated by records and rolls for the mechanical players and special numbers furnished by students and faculty.

13.—MUSIC HISTORY AND APPRECIATION II. *Two hours credit.*

Second Semester.

Prerequisite, Music History and Appreciation I. Continuation of the previous course. As a protection against damage to records a small laboratory fee is required.

14.—TECHNIQUE OF OPERA. *Two hours credit.*

First Semester.

A practical study of the various vocal forms, including chant, anthem, cantata, oratorio, and opera. Open to advanced students or especially qualified underclassmen.

15.—INSTRUMENTAL ENSEMBLE. *One hour credit.*

Practical work in string quartet, orchestra and wind instruments.

16.—INTERMEDIATE SIGHT SINGING FOR SUPERVISORS. *Two hours credit.*

Prerequisite, Advanced Sight Singing.

17.—ADVANCED SIGHT SINGING FOR SUPERVISORS. *Four hours credit.*

Drill in advanced and rapid sight reading. Prerequisite, Intermediate Sight Singing for Supervisors.

- 18.—SIGHT SINGING FOR DIPLOMA STUDENTS. *Two hours credit.*

Prerequisite, Sight Singing for Supervisors.

- 19.—ELEMENTARY THEORY. *Two hours credit.*

Study of rudiments of music and tone relationship. The correlation of the various tonal concepts with their several representations. This course is designed for the practical presentation of Elementary Harmony in High School.

THEORY, HISTORY AND ANALYSIS OF MUSIC.

- 20.—HARMONY I. *Two hours credit.*

Each Semester.

The fundamental principles of the theory of music are embodied in the study of harmony, which treats of the different intervals and chords in their natural relations and combinations. The subdivisions of the subject are as follows: Scales, intervals; triads, sixth, seventh and ninth chords, with their inversions; cadences, modulations; harmonizing melodies.

- 21.—HARMONY II. *Two hours credit.*

Second Semester.

Chromatically altered chords; augmented chords; suspensions; passing and changing notes; modulation; organpoint; analysis; original work in harmonizing melodies.

- 22.—ADVANCED HARMONY. *Two hours credit.*

Analysis of four-part composition; modulations at the piano. Advanced harmony: Keyboard demonstration in figured basses, cadences and modulations.

NOTE.—The above work is planned for supervisors' training courses as especially adapted for high-school music methods.

- 23.—HISTORY OF MUSIC I. *Two hours credit.*

First Semester.

This is a literary course, which does not require special technical skill; it is open to all students who have practical knowledge of vocal or instrumental music. The work includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; and the polyphonic era.

- 24.—HISTORY OF MUSIC II. *Two hours credit.*

Second Semester.

Modern music and musicians; biographies and the works of the great composers of the classic, romantic and modern schools. The history of the opera, cantata, oratorio, and symphony.

- 25.—MUSIC FORM. *Two hours credit.*

The courses in musical analysis are for students who wish to understand and appreciate the works of the great composers.

- 26.—NORMAL PIANO METHODS I. *One hour credit.*

Second Semester.

A special course for students preparing themselves as teachers. The work embraces lectures on methods and materials for teaching beginners; papers and discussion by students. Practice Teaching.

- 27.—NORMAL PIANO METHODS II.

A continuation of the preceding course, dealing with methods and material for intermediate students.

52.—COUNTERPOINT I. *Two hours credit.*

First Semester.

Counterpoint applies the principles of harmony to the melodious treatment of the several voice parts in combination. The study of this subject naturally follows that of harmony and develops the contrapuntal facility necessary to all forms of composition. The work includes strict counterpoint; the various orders of modern counterpoint; double and triple counterpoint.

53.—COUNTERPOINT AND COMPOSITION II. *Two hours credit.*

Second Semester.

Counterpoint in five or more parts; vocal counterpoint analysis; exercises in free composition.

54.—INSTRUMENTATION. *Two hours credit.*

Constitution of the orchestra; and the possibilities of high-school and amateur organizations. For Public-school Music students.

COURSES BY SEMESTERS.

CERTIFICATE IN PIANO, VOICE OR VIOLIN.

(Certificate of Merit.)

Prerequisite: Intermediate Course in Applied Music.

FIRST SEMESTER.

Applied Music, 2 lessons per week.
Harmony I, 2 recitations per week.
History of Music I, 2 recitations per week.
Music Form, 2 recitations per week.
Normal Methods I (for candidates in piano).
Elementary Theory and Ear Training.
Practice Teaching.

SECOND SEMESTER.

Applied Music, 2 lessons per week.
Harmony II, 2 recitations per week.
History II, 2 recitations per week.
Ensemble Practice I, as assigned.
Sight Reading.
Public Recital.
Practice Teaching.

(Diploma of Graduation.)

Prerequisite: Certificate Course.

FIRST SEMESTER.

Applied Music, 2 lessons per week.
Counterpoint, 2 recitations per week.
Normal Methods II (for candidates in piano).
Practice Teaching.

SECOND SEMESTER.

Applied Music, 2 lessons per week.
Composition, 2 recitations per week.
Ensemble Practice II, as assigned.
Individual Recital.

PIANO.

It is impossible to set down any list of studies to be strictly adhered to, as the needs of the individual pupil must be consulted, and the studies varied accordingly. Moreover, new works are constantly being published. These are carefully examined and those of value are used in the course. However, an idea of the work covered in the different classes may be obtained from the following:

PREPARATORY COURSE.

Elements of pianoforte playing, including hand culture, touch, notation, together with rhythm study, construction of melody, elementary harmony, and ear training. Instruction books on technical exercises are used according to needs. A limited number of etudes by representative composers; rondos and sonatinas by Kuhlau, Clementi, Gurlitt, and others, the easiest sonatas of Haydn and Mozart; smaller compositions by Handel, Bach, Mozart and Beethoven; selections from the easier works of Schumann, Grieg, Chopin and others.

INTERMEDIATE COURSE.

Further development of technique, including major and minor scales in various forms; chords, arpeggios, octaves, etc. A limited number of etudes from the best authors, such as Czerny, Loeschhorn and Heller; two-part inventions by Bach; sonatas by Haydn, Mozart and others; easier sonatas and variations of Beethoven; easier compositions by Mendelssohn, Grieg, Chopin, and Schubert.

CERTIFICATE COURSE.

Selections from two- and three-part inventions and suites of Bach; studies by Cramer, Czerny, and Clementi; sonatas and other compositions by Beethoven, Scarlatti, and Mozart; and further study of the modern romantic composers, such as Schubert, Schumann, Liszt, Grieg, Debussy, MacDowell, etc.

DIPLOMA COURSE.

Selections from suites, Well-temperel Clavichord of Bach, a limited number of etudes by Czerny, Liszt, Chopin, Clementi and Neupert; sonatas of Chopin, Beethoven, Schumann and others; solo works of Scarlatti, Graun, Mendelssohn, Liszt, Rubinstein, Brahms, Grieg, MacDowell; piano concertos by the best composers.

VOICE.

In no field of music teaching is there greater need for a definiteness which will enable a student to recognize the reasons for and the value of the instructions given than in the field of singing.

In the treatment of voices particular stress is laid upon a proper breath control; independent free action of the jaw, tongue and other vocal organs; the elimination of the so-called breaks in the voice; the development of self-confidence through the establishment of a proper level in tone production (as opposed to the customary notion of mental and vocal adjustment for "high" and "low" tones); the establishment of distinct enunciation, and the development of artistic and individual power of interpretation. In brief, the aim of the instruction given is to secure ease in singing, naturalness in enunciation, and intelligent expression.

The course of instruction has a psychological basis, and a student is enabled to overcome incorrect habits through conscious repetition of specially adapted exercises. The mode of procedure is positive, rather than negative. Having in mind that many of our graduates will be charged with the care of the voices of children and adults, the instructors in the department aim to give the student an understanding of his progress without inducing self-consciousness, and at the close of the period of study a careful analysis of the ground that has been covered.

Contrary to the commonly accepted idea, not the few but the majority may cultivate the art of singing. Persons of average ability with wisely directed training are more likely to make practical use of their gift than those favored with unusual voices but who ignore the value of the proper care and training.

An important phase of this individual work deals with the correction of certain vocal defects, and with training which will secure quality and

carrying power in the speaking voice through the employment of the high-chest, intercostal breathing of singers, proper voice emission and distinct enunciation.

PREPARATORY GRADE.

Fundamental principles of voice building; correct poise with proper breathing; blended scale; diction; stage deportment; sight reading and simple songs in English; Sieber 8-measure Vocalises, Marchesi Opus 2. Beginning piano.

INTERMEDIATE GRADE.

Studies for enunciation, rhythm and phrasing; acoustics; sight reading and diction. Exercises for attack, legato and staccato; solfeggio and ensemble practice; vocalises by Concone, Panofka, Lütgen and Shakespeare; ballads and songs by present-day composers in English. Public appearance; piano.

CERTIFICATE GRADE.

Vocalises by Marchesi, Op. 3; studies by Panofka, Op. 8; Vaccai; Henneman 101 Master Exercises; shade and tone color; continued studies in enunciation; artistic interpretation; selections from the works of American, English, German or Italian writers in the vernacular; joint-recital with one other student of equal grade. Accompanying.

DIPLOMA GRADE.

Advanced work in technical studies for phrasing; development of natural style and cultivation of dramatic expression; enunciation; at least four complete major oratorios; six selections from the standard operas in the vernacular; twenty English, French and German classics in the vernacular; practical work in musical pedagogy; full public recital; advanced accompaniments.

TEACHERS' COURSE.

Students whose vocal attainments, general musicianship and teaching ability fit them to enter the teaching field may enroll for private work in methods of singing and practice teaching.

VIOLIN.

ELEMENTARY GRADE.

Careful study in holding the violin, position of the body, placing of fingers in different keys; fundamental principles of bowing. Schools and studies by Wohlfahrt, Hermann, Blumenstengel, Laoureux, de Beriot, Dancla, Kayser, and Wilhelmj-Brown. Violin duets by Mazas and Pleyel. Scale studies in all keys, varied fingering and simple bowing; arpeggio forms in first and third positions; small classical solos with piano accompaniments. Class in sight reading.

INTERMEDIATE GRADE.

(Outlined for high-school pupils and adult beginners.)

Scales and arpeggi in three octaves by Ysaye and Cesar Thomson. Studies by Kayser, Schradieck, Kreutzer and Siorello. Sonatas by

Corelli, Handel, and Beethoven. Concertos and soli: Beethoven; Two Romances, Vieuxtemps; Morceaux de Salon, Wieniawski; mazurkas and concertos by Viotti, Mozart, Kreutzer, Rode, and de Beriot. Orchestral class.

CERTIFICATE GRADE.

Advanced scale work in thirds, sixths and octaves by Cesar Thomson. (These scales are not in print, but are given from manuscript.) Advanced studies by Kreutzer, Fiorello, Rode, Gavinies, and Wieniawski. Bach sonatas for violin alone. Concertos by Mendelssohn, Bruch, Beethoven, Bach (E major), Wieniawski (D minor), Soli by Wieniawski (Polonaises in A and D, Souvenir de Moscow), Scherzo-tarentelle, Sarasate and Saint-Saëns. Sonatas by Beethoven, Cesar Franck, Grieg and Brahms.

DIPLOMA GRADE.

Scales and arpeggi in three octaves. Studies by Rode and Gavinies. Concertos and solos; Sphor, Bach, Viotti (22d), Kreutzer (19th), Rode (10th), de Beriot (7th), Solos by Hubay. Orchestral and ensemble classes.

ORGAN.

This course is designed to furnish a foundation in technical training to students desiring to fit themselves to be church organists. The completion of the preparatory course in pianoforte or its equivalent is a prerequisite for admission. The work offered includes the construction of the organ from a mechanical standpoint; instruction in manual and pedal technics and registration. Studies employed comprise works of Clemens, Douglas and Buck; compositions by Merkel, Dubois, Smart, Faulkes, Guilmant and Bach; also a careful study of hymns and accompaniments to solos and anthems.

BRASS INSTRUMENTS.

Excellent opportunity, under a trained instructor, is offered to students who wish to learn to play brass instruments and instruments of the wood-wind group. Students who have played instruments of any sort should not fail to bring these with them, even though they have no expectation of studying. The orchestra and Normal band offer opportunities for both pleasure and service to all musical students, whether enrolled in the School of Music or the Normal proper.

FEES AND REGULATIONS.

The fees for instruction have been placed at the lowest limit of actual cost for the quality of instruction offered.

RATES OF TUITION.

For a term of eighteen lessons the fees are:

PIANO.

Juvenile course (for children)	\$9.00
Advanced juvenile (for children)	10.50
Beginning grade (for high-school pupils)	10.50
Class work in piano	4.50
With student assistant	9.00
Preparatory grade (adult beginners)	13.50
Intermediate grade	15.00
Certificate grade	18.00
Diploma grade	18.00
For public-school music students	18.00
Postgraduate work	24.00
Accompanying	18.00
Pipe organ	18.00

VOICE.

Preparatory grade	\$13.50
Intermediate grade	15.00
Advanced grades	18.00
With student assistant	9.00
For public-school music students	18.00
Special training for the speaking voice	18.00
Postgraduate	24.00

VIOLIN AND STRINGED INSTRUMENTS.

Juvenile course (in class or with assistants)	\$9.00
Preparatory grade	13.50
Intermediate grade	15.00
Advanced grades	18.00
Postgraduate	24.00

THEORY AND HISTORY OF MUSIC.

Harmony, in class	\$5.00
History of music, in class	5.00
Counterpoint, in class	10.00
Fugue and instrumentation, in class, each	10.00
Private lessons in any of the above courses	15.00
Normal piano methods	5.00
Special methods (not otherwise listed)	25.00
Band and orchestral instruments	13.50

For a half term of lessons, or one lesson per week, the rate is one-half the tuition for a term plus one dollar.

SIGHT SINGING AND EAR TRAINING.

Coaching (with student assistant), per lesson	\$0.25
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RENT OF INSTRUMENTS.

One hour a day, for a term of nine weeks. Two or more hours at the same rate.

Piano	\$1.80
Pipe organ	4.00

The Public School Music courses are free to any student regularly enrolled.

Lessons in piano, voice and violin are theoretically half-hour periods; where necessary for the passing to and from the classes the actual time may be twenty-five minutes.

A limited number of free and partial scholarships, it is expected, will be available for talented students who are unable to pay regular rates. These will be granted at the beginning of the year upon written application and examination.

All tuition is payable strictly in advance, at the beginning of each term. Work in this department is suspended on legal and school holidays, as given in the calendar of this catalogue. Students may enter at any time. It is best to enroll at the beginning of a term. All lessons lost by absence or tardiness of the pupil will be the pupil's loss, unless reasonable previous notice of the expected absence is given, in which case the lesson will be made up within the term only. Students must complete a full term of lessons or class work in order to receive a grade for the work. Students leaving or discontinuing lessons during the term time forfeit all payments, except in case of protracted illness, in which case the balance will be allowed upon a subsequent term, or half the loss will be borne by the department. All students who wish to take up work in this department must receive an assignment card from the director of music. This card must be stamped by the registrar and bursar, presented to the instructor for signature and returned to the office of the director of the department.

Substitution for certain subjects will be allowed upon application to the Director in cases where it is plainly evident that the students' efficiency will be increased by such change.

CREDIT.

Credit is allowed in applied music for work done in known institutions or under private teachers, after registration and satisfactory progress has been made in the subject in which credit is desired.

Students registered in the department are permitted to sing or play in public only upon recommendation from the instructor and permission from the office. Teachers will coöperate in preparing for public performance all students who will be a credit to themselves and to the school.

Physical Training.

CLAIR K. TURNER, Director of Physical Training for Men.
IRENE WATSON, Acting Director of Physical Training for Women.
BERNICE E. JOHNSON, Instructor.
HOMER W. HARGISS, Athletic Coach.
GEORGE R. BABB, Instructor.
DOROTHY VESTAL, Instructor.
HELEN TAYLOR, Instructor.
EDNA McCULLOUGH, Instructor.

Students who are excused from physical-training practice courses will be required to take work in physical-training theory courses giving an equal amount of credit.

A special high-school certificate to teach physical training in Kansas high schools is issued for work in this department. For requirements for the certificate see page 52.

Gymnasium Costume for Men.—The regulation costume is worn in all classes. It consists of a white sleeveless shirt, white track pants and

white tennis shoes. The suits complete can be secured from local dealers at the cost of \$2.50.

Gymnasium Costume for Women. A regulation costume is worn in all classes. It consists of black serge bloomers, all-white middy blouse and black tennis shoes, sold by local merchants.

THEORY.

1.—HISTORY OF PHYSICAL EDUCATION. *Two hours credit.*

Summer Term, and each Semester.

A library and textbook study of ancient, modern and present-day physical training. A careful study is made of the origin of systems and their adaptation to the educational needs of schools, colleges and nations. (Turner.)

2.—PLAYGROUND SUPERVISION AND INSTRUCTION. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, History of Physical Education. This course is half theory and half practice. The theoretical work deals with the psychology of plan, construction and equipment of playgrounds, adaptation of play to varying ages, organization and daily programs, history and literature of the playground movement. Half the time of this course is devoted to the study and practice of playground games suitable for school children of the intermediate and upper grades. (Turner.)

2s.—The above course will be given in the Summer Term of 1917 to persons who have not had the prerequisite course. (Turner.)

3.—THEORY OF COACHING AND MANAGEMENT OF MEN'S ATHLETICS.

Three hours credit.

Summer Term, and each Semester.

A study is made of the different methods of teaching and coaching the major sports. The student gets a working knowledge of the finer points of foot ball, baseball, basket ball and track athletics. (Hargiss.)

4.—METHODS IN PHYSICAL TRAINING FOR MEN (GENERAL TECHNIQUE).

Two hours credit.

Summer Term, and each Semester.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

In this course are given methods of handling classes in different phases of work. A critical study is made of tactics, gymnastics, folk dances, games and apparatus' work, and their relation to the school curriculum. (Turner.)

6.—APPLIED ANATOMY. (Men.) *Two hours credit.*

Summer Term, and each Semester.

The practical application of anatomy from the standpoint of the physical director and athletic coach, with particular attention to the action and coördination of the muscles. (Babb.)

6a.—APPLIED ANATOMY. (Women.) *Two hours credit.*

Summer Term, and each Semester.

Study and coördination of muscles from the standpoint of physical training. (Vestal.)

7.—MANAGEMENT OF GIRLS' ATHLETICS. *One hour credit.*

Summer Term, and each Semester.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

Methods of teaching and coaching. (Vestal.)

8.—METHODS OF PHYSICAL TRAINING. (Women.) *Two hours credit.*

Summer Term, and each Semester.

Open only to Freshmen and Sophomores. If taken by Juniors or Seniors only one-half credit will be given.

In this course are given methods for handling classes in the different phases of work. A critical study is made of tactics, gymnastics, folk dances, games and apparatus work, and their relation to the school curriculum. (Watson.)

9.—ANTHROPOMETRY. (Men.) *One hour credit.*

Summer Term, and each Semester.

Methods of measuring and testing the body, examination of the special senses, vitality and efficiency tests. Anthropometric charts, etc. Determination of normal and abnormal variations. (Turner.)

*10.—MASSAGE. (Men.) *One hour credit.*

Summer term, and each Semester.

A study of the systematic manipulation of the body surface by the hands in movements of stroking, pinching, kneading, and striking. Particular attention is given to the care of injuries common in athletics and gymnastics.

*11.—MASSAGE AND REMEDIAL GYMNASTICS. (Women.) *Three hours credit.*

Second Semester.

Prerequisite, Human Anatomy. Students in this course are given two hours of lecture work a week and are required to do practice teaching three hours a week in a corrective class. In this course are taught massage movements for the different parts of the body. Exercises are also given for drooping head, round shoulders, hollow back, spinal curvature and other mal-positions which should be corrected in the schoolroom. (Johnson.)

PRACTICE.

MEN'S DEPARTMENT.

Aims: The aims of this department are best expressed in the words of Geo. W. Ehler:

1. The development of organic power, the basis of vitality, the prerequisite to mental and physical efficiency.

2. To secure and maintain good posture, a harmonious muscular development, and a reasonable degree of bodily skill and grace.

3. To provide an incentive and an opportunity for every student to secure at least one hour's physical recreation daily as a balance to the sedentary demands of college life.

4. To conserve the social and moral values of games and sports and to secure to every student the fullest opportunity for their practice.

5. To develop the habit of exercise.

6. To train physical directors and instructors, play leaders and recreation directors for service in educational institutions, clubs, playgrounds, municipal recreation systems, etc.

7. To establish high ideals and efficient administration of athletics throughout the state.

* These courses apply on certificate requirements. They will not apply on the degree requirements after September, 1918.

In the practice of indoor and outdoor sports, attention is given to form and technique; adaptability of the individual to the various sports; conditions; rules and methods of scoring; team work and strategy. Teams for intercollegiate competition are maintained in football, basketball, track athletics and tennis.

The rules governing eligibility for participation in intercollegiate contests are those of the Kansas College Athletic Conference.

The school for physical directors is organized to prepare teachers for playground, athletic and gymnastic work in the schools of Kansas.

2.—ELEMENTARY GYMNASTICS. *One hour credit.*

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3.—INTERMEDIATE GYMNASTICS. *One hour credit.*

Body building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling. Prerequisite, course 2.

4.—ADVANCED GYMNASTICS. *One hour credit.*

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. Prerequisite, courses 2 and 3.

5.—MILITARY SCIENCE. *One hour credit.*

This is a course in modern military tactics. A study is made of military map making and trench digging. Target shooting with the latest army rifle is practiced. The instruction is given by regular officers of the Kansas National Guard.

6.—GYMNASTIC DANCING. *One hour credit.*

A series of vigorous dances demanding a great amount of activity are offered. The Sailor's Hornpipe, The Dance of the Jumping Jacks, The Sword Dances, and many others of like nature make up the course.

7.—FOOTBALL.

Given during the fall only to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

8.—BASKETBALL.

Classes are organized throughout the year. Class squads are organized from which teams are chosen for the interclass series. These games are played as curtain raisers to the intercollegiate games.

9.—BASEBALL.

Given in season. Individual and team practice. The squad is divided into teams graded according to ability.

10.—TRACK AND FIELD ATHLETICS.

Given in season, only to men in good physical condition as shown by physical examination. Cross-country running is given in season.

11.—TENNIS.

Given in season. Tournaments in both singles and doubles are held.

12.—SWIMMING.

Elementary and advanced instruction is given throughout the year.

WOMEN'S DEPARTMENT.

Purpose: The aim of the department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and systematic development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results be obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them, as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playgrounds athletics, games, and folk dances.

Freshman and Sophomore years.

Required, one hour per semester. (Three periods of work per week in gymnastics, athletics or other elective work during one semester of eighteen weeks gives one hour credit.)

2.—ELEMENTARY GYMNASTICS. Required of all beginners. Three periods a week for one semester.

3.—INTERMEDIATE GYMNASTICS. For students who have completed course 2, or its equivalent. Three periods a week for one semester.

4.—ADVANCED GYMNASTICS. Open only to students who have passed course 3 with high grades and physically adapted to apparatus exercises.

5.—PRACTICAL GYMNASTICS.

For all students during their second year of College work who have completed course 2. Three periods a week, two of which are floorwork, and one a lecture. Special attention is given to gymnastics, games and folk dances, suitable for the schoolroom and playground.

(a) During each half semester the lecture is given in the corrective department, where exercises and prescriptions are taught that may be used to correct common physical defects in children and older girls.

(b) The lecture for the other half semester is found in course 6.

6.—METHODS AND PRACTICE TEACHING.

For students who have completed course 5. Two periods for one-half semester.

(a) One period is a lecture pertaining to value of systematic exercise and games and some methods of teaching.

(b) One period of practice teaching and observation.

- 7.—CORRECTIVE GYMNASTICS. Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.
- 8.—OUTDOOR SPORTS. Open to all students who have completed two terms of gymnastics. Three periods a week in season. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics and relay racing.
- 9.—SOCCER. Open to students who have passed eighteen weeks of gymnastics. One period a week for the one semester.
- 10.—BASKET BALL. Open only to students who are physically qualified and who have passed course 2.
- 11.—BASEBALL. One period a week in season.
- 12.—HOCKEY. One period a week in season.
- 13.—TENNIS. Open to all students having the privilege of electing athletics. One, two, or three periods a week.
- 14.—SWIMMING. One lesson a week is allowed each student.
- 26.—ÆSTHETIC DANCING (elementary). Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized, and is now considered one of the most important phases of gymnastic exercise.
- 27.—FOLK DANCING (intermediate). One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.
- 28.—ÆSTHETIC DANCING (intermediate). Open to all students who have completed course 26.
- 29.—FOLK DANCING (intermediate). One period a week. Open to all students who have completed course 27.
- 30.—FENCING. One period a week.
- 35.—INDIAN CLUBS. One period a week.
- 36.—CROSS BALL. One period a week.

Physics.

Professor TIDD.
Mr. VAN VORIS, Instructor.
Mr. DRAKE, Instructor.

This department is located on the third floor of Norton Science Hall, occupying a suite of the following rooms: Lecture room, elementary laboratory, advanced laboratory, light laboratory, photographic laboratory, department library, and office. Comprehensive equipment is furnished for the elementary and advanced courses. Electric current is supplied to all parts of this floor from a thoroughly up-to-date type of switchboard designed and built in this department. A gasoline engine,

and other farm, home and school appliances are provided for study purposes. The heating has been developed into a laboratory for use in this connection.

LABORATORY WORK.

Nearly all the courses require laboratory work, and, with few exceptions, the work is individual. The hours for laboratory will be indicated under the different courses in the schedule.

1.—MECHANICS OF SOLIDS AND FLUIDS, SOUND, AND HEAT. *Five hours credit.*

Each Semester.

Prerequisites, one year each of algebra and geometry, and a strong course in high-school physics, or Physics 5. It is recommended that trigonometry be taken before this course or at the same time with it. The subject matter is presented with the view of furnishing a practical knowledge as well as the development of the cultural aspects. (Tidd, Drake, Van Voris.)

2.—LIGHT, MAGNETISM, AND ELECTRICITY. *Five hours credit.*

Each Semester.

Prerequisite, course 1, or its equivalent. The viewpoint is the same as in the previous course. The applications of light and electricity in the home, on the farm, and in the school are taken up in an applied way. (Tidd, Drake, Van Voris.)

3.—ADVANCED MECHANICS OF SOLIDS AND FLUIDS, AND HEAT. *Five hours credit.*

First Semester.

Prerequisites, course 1 and 2, and Trigonometry. A knowledge of analytical geometry and calculus would be desirable. The subject matter in the latter part of this course is treated in an applied way with reference to heating and ventilating systems, the steam engine, the gas engine, etc. (Drake.)

4.—ADVANCED ELECTRICITY, MAGNETISM, AND LIGHT. *Five hours credit.*

Second Semester.

Prerequisite, same as in course 3. The subject is treated in an applied way with reference to the usual applications of electricity on the farm, in the school, and in the home. It deals with light from the optical standpoint and takes up the illumination of school buildings and rooms. A careful study is made of the principles involved in the optical instruments. (Tidd.)

5.—GENERAL PHYSICS. *Five hours credit.*

First Semester.

A rapid survey of the whole field of physics with the cultural aspects emphasized. Designed for those who do not offer physics for college entrance. (Tidd.)

6.—HOUSEHOLD PHYSICS. *Three hours credit.*

First Semester.

Designed for those specializing in home economics. It consists of a course of lectures, assigned readings, and laboratory work treating of labor-saving devices in the home, the principles of heating, ventilating, and lighting, of color phenomena, thermal principles employed in cooking devices, musical instruments, and of electrical appliances used in the home. (Tidd.)

7.—FARM PHYSICS. *Five hours credit.*

Second Semester.

Prerequisites, high-school physics, and a specializing in agriculture. It takes up soil physics, farm machinery, electric and other light for the farm home, road making, rope tying, and such other topics as will give the best preparation in this line of work. (Van Voris.)

9.—LABORATORY TECHNIQUE. *Two hours credit.*

First Semester (odd years).

This is a laboratory and shop course in the making of simple apparatus for high-school laboratories. Simple lessons are given in the handling of glass—molding, blowing, etc. Instructions are given in the making of lantern slides, and students will be enabled to make up slides and apparatus to take with them to their schools.

10.—PHYSICS OF COMMON THINGS.* *Two hours credit.*

First Semester.

Designed for those majoring in grade- and rural-school work. It treats the common physical phenomena in relation to everyday life, and furnishes through laboratory and suggested sources an abundance of illustrative and suggestive material for the public-school teacher to utilize in various classes and in nature study and elementary science. (Tidd.)

11.—SOUNDS FOR MUSIC STUDENTS.* *Two hours credit.*

First Semester (even years).

Prerequisite, high-school physics. This course is designed especially for those who are specializing in music, and is to give them a physical basis for their musical studies. It is taken up from the acoustical standpoint. The theory of the production and reinforcement of sound in the various musical instruments is taken up, and the work is rendered thoroughly practical in this line.

50.—TEACHING OF SECONDARY PHYSICS. *Two hours credit.*

Second Semester.

Open only to those specializing in this department as a teachers' course and might well be taken in connection with 51. Students must have had at least ten hours of college physics before undertaking this course. The organization of secondary physics courses, the equipment of laboratories, economical purchase of apparatus and supplies, care of apparatus, arrangement of laboratory, and a thorough examination of the state text and manual, are some of the matters dealt with in this course. (Tidd.)

51.—PRACTICE TEACHING OF PHYSICS. *Two hours credit.*

Each Semester.

Prerequisites, open only to those majoring in this department. It is suggested that this work be done in connection with course 50, or by those who have had some experience in teaching physics. It consists of teaching laboratory classes in high-school physics under critic supervision. (Tidd.)

52.—ADVANCED D. C. AND A. C. ELECTRICITY. *Six hours credit.*

Second Semester.

Prerequisites, course 4, or its equivalent. Four hours of the credit are earned in this course by the study and solution of prob-

* These courses apply on certificate requirements. They will not apply on requirements for the degree after September, 1918.

lems in electricity in all its common applications, and in the study of electrical machines, and two hours credit in the electrical measurements made in the laboratory. (Tidd.)

53.—ADVANCED GENERAL PHYSICS. *Six hours credit.*

May be taken instead of course 52.

Prerequisites, courses 1 and 2, and Calculus. This course is designed for those specializing in physics and mathematics, and for those who expect to take graduate work. It takes up an advanced treatment of the principles of general physics from the mathematical standpoint.

54.—SEMINAR.* *One or two hours credit.*

Each Semester.

Prerequisite, at least ten hours of college physics. An exhaustive study is made of some special problem of school interest such as can best be dealt with from the standpoint of the physicist, *e. g.*, heating, ventilating, and lighting systems of public-school buildings, projection in the public schools, acoustic properties of school buildings, color effects, etc. The results of these researches are printed in bulletin form and distributed to the schools of this state. (Tidd.)

Physiology and Hygiene.

Professor WHITE.

Miss HOWAT, Instructor.

1.—GENERAL PHYSIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

An elementary course with College credit for those students who have never taken physiology in high school, and will satisfy the three-year certificate requirement in physiology for these students. The work will consist of a comprehensive discussion of the basic principles of physiology, and emphasis will be laid upon the relation of the body functions to personal efficiency. From time to time laboratory apparatus and sections of normal tissue will be used to give a better idea of the subjects under discussion. Required for the Three-year State Certificate of students who have not had a half-year's work in high school.

4.—FIRST AID TO THE INJURED. *One hour credit.*

Summer Term, and each Semester.

A course in emergencies and first aid to the injured is offered. This course will take up the important points under anatomy which are necessary, and a discussion of germs and infection, followed by a consideration of inflammation, its causes and symptoms. Briefly, the following conditions will be considered: First-aid materials, antiseptics, splints, tourniquets, shock, bruises, sprains, dislocations, fractures, burns of all kinds, hemorrhage, unconsciousness, convulsions, poisoning, sunstroke, frostbite, electric shocks and lightning, hiccough, corns, chilblains, etc. Artificial respiration after drowning accidents will be carefully taught; also thorough practice in all kinds of bandaging.

5.—HYGIENE AND SANITATION. *Three hours credit.*

Summer Term, and each Semester.

A course dealing with the practical phases of hygiene and sanitation as it affects the conditions under which we live and exist. A few of the subjects taken up will be as follows: Air, humidity and its effect on health; ventilation; dust and its removal; heating sys-

* These courses apply on certificate requirements. They will not apply on requirements for the degree after September, 1918.

tems, methods, etc.; water—composition, properties, impurities, purification systems, filtration, sedimentation, reservoirs, watersheds, chemical tests, etc.; sewage removal, disposal plants, plumbing; garbage disposal, food—adulterants, laws applying, preservatives, energy value, etc.; exercise; clothing; personal hygiene, industrial hygiene, effects of certain occupations, etc.; length of working day; school hygiene, site, structure, medical inspection of, etc.; military hygiene; naval hygiene; soil; habitations—site, walls, foundations, roof; flies, mosquitoes, etc.; disease—epidemics, immunity, susceptibility, vaccination; disinfection—methods, etc.; quarantine—laws and customs in different localities; vital statistics. Practical field trips will be taken to observe dust removal, ventilation systems, heating plants, refrigeration plants, slaughterhouses, garbage incinerators, waterworks systems, etc.

7.—HISTOLOGY. *Two hours credit.*

Second Semester.

A study of the structure of the organs and tissues of the body, both macroscopic and microscopic, including the glands, blood vessels, muscles, nerves, skin, kidney, liver, stomach, pancreas, spleen, etc. Laboratory work will be an integral part of the course. The permanent mounts of sections of tissue will be the property of the individual student at the completion of the course, and will be invaluable for illustrating work in physiology, for the teacher who wishes to get permanent results.

8.—SCHOOL AND PERSONAL HYGIENE. *Three hours credit.*

Summer Term, and each Semester.

This course will take up particularly those problems arising in the hygiene and sanitation of the public school and grounds. It will also emphasize personal hygiene as it is related to the pupil and to the teacher; personal prophylaxis and how to encourage it will also be carefully considered. The school nurse and medical inspection of schools will be important topics.

50.—ADVANCED PHYSIOLOGY. *Five hours credit.*

Summer Term, and each Semester.

Prerequisite, a high-school course in physiology, or course 1. Frequent illustrations of the subject under consideration will be given by use of laboratory apparatus and methods. In addition to a careful discussion of the functions of the blood, lymph, digestive track, nervous system, skin, glands, respiratory organs, muscles, etc., conference topics will be assigned to each student during the course, on pertinent subjects on which students will be asked to make special research and read the results of their investigations in class.

51.—PHYSIOLOGY OF ALIMENTATION AND DIETETICS. *Two hours credit.*

Second Semester.

Particular stress will be laid upon the study of the action of the enzymes, and the secretions of the glands of the stomach and intestines, also the secretions of the salivary glands of the stomach and intestines, also the secretions of the salivary glands and pancreas. The process of absorption, assimilation, emulsification, saponification, and their relation to nutrition, are studied in detail. The calory values of the different constituents of food are given proper consideration, and the proper amount of each constituent in a daily diet with relation to the amount of physical or mental work done. A careful study of the bacteria of the alimentary tract, and conditions under which they multiply, will also be included. Prerequisite, 1, or General Chemistry.

53.—HUMAN ANATOMY. *Five hours credit.*

First Semester.

Study of the bones, muscles, and internal organs. A thorough study is made. Prerequisite, Advanced Physiology.

Public Speaking and Expression.

Professor GILSON.

Mr. KARR, Instructor.

Miss LYON, Instructor.

It is the purpose of the Department of Public Speaking and Expression to enable its students to speak the English language distinctly and correctly; to express the masterpieces of literature with true meaning and feeling; to address an audience easily and effectively; and to have so thorough a knowledge of the methods used that they may teach the subject wisely.

All courses offered are limited to twenty students.

1.—FUNDAMENTALS OF EXPRESSION. *Three hours credit.*

Summer Term, and each Semester.

A course in the underlying principles of expression, including training in voice, pronunciation and bodily expression as applied to interpretation of literature. The course is designed to help teachers make all oral exercises in the classroom intelligent and pleasing. Some practice will be given in story telling, and causes and remedies for defective speech will be considered. (Gilson, Lyon.)

2.—PUBLIC SPEAKING. *Three hours credit.*

Summer Term, and each Semester.

A course in extemporaneous speech. Phillip's Effective Public Speaking is used as a text; and much drill is given in the presentation of speeches. The aim of the course is principally to give the student ease and effectiveness in public speech. (Karr.)

3.—STORY TELLING. *Three hours credit.*

Each Semester.

Aims to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades, including high school. Better following than preceding Fundamentals of Expression.

5.—DRAMATICS. *Two hours credit.*

Summer Term, and each Semester.

Prerequisite, course 1, or its equivalent. A course in presentation of farces and plays. The aim of the course is to gain a clear understanding of the dramatic form in literature and to give the student practical knowledge of how to stage a play. (Gilson.)

6.—ADVANCED PUBLIC SPEAKING. *Three hours credit.*

Each Semester.

Prerequisite, course 2, and Composition and Rhetoric. This course is a continuation of course 2. Winan's Public Speaking is used as a text. Careful attention is given to the delivery and construction of the speech.

9.—ADVANCED EXPRESSION. *Three hours credit.*

Each Semester.

Prerequisite, course 1. A continuation of course 1. Drill in platform work, arranging programs, making readings from stories and plays. (Gilson, Lyon.)

10.—ARGUMENTATION AND DEBATE. *Three hours credit.*

Each Semester.

A good text is used for the basis of actual work in debate. The matter of debate work considered both as to form and matter. (Karr.)

52.—THE OCCASIONAL ADDRESS. *Two hours credit.*

Each Semester.

Prerequisite, courses 1, 4 and 5. This course consists of a study of the formal lecture. It gives special attention to addresses appropriate for commencement, memorial day, the banquet and the chautauqua.

53.—PLATFORM READING. *Two hours credit.*

Each Semester.

Prerequisite, courses 1, 2, 4 and 5, also three hours of Literature. This course is intended especially for those who wish further training in platform art. Each student will prepare a short program taken from standard literary material. (Gilson.)

59.—METHODS IN ORAL ENGLISH. *Two hours credit.*

Second Semester.

Prerequisite, course 1, 2, 4. A pedagogical course dealing with the teaching of the following forms: Reading, Extemporaneous Speaking, Debate, Orations, School Plays. (Gilson.)

Sociology and Economics.

Professor SMITH.

SOCIOLOGY.

1.—GENERAL SOCIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, elementary Psychology. The first half of the semester outlines the general field of sociological theory, literature and thought, with a textbook, assigned readings, papers and discussions. The second half of the semester will be used in investigating a variety of topics dealing with dependents, defectives and delinquents, sociological legislation and reform, rural and urban life. Lectures, assigned readings, reports and term papers.

50.—SOCIOLOGICAL PROBLEMS. *Two or four hours credit.*

On sufficient demand.

Prerequisite, General Sociology. The nature of the work will vary from term to term, a part of it being in advanced theory and art in detailed topical investigation.

51.—SOCIAL PATHOLOGY. *Two hours credit.*

Summer Term.

This course is a general study of dependents, defectives and delinquents. Special attention will be given to conditions in Kansas and the penal, charitable and educational institutions established to care for the poor, the insane, the unfortunate and the criminal.

Various plans for improving present conditions will be investigated and the best scientific thought along these lines elaborated. Open to those who have had general sociology or abnormal psychology.

52.—EDUCATIONAL SOCIOLOGY. *Three hours credit.*

Summer Term, and each Semester.

Prerequisite, Psychology. The most remarkable developments in the educational field in the past few years have been along social lines. The individualistic point of view is giving way to the social, and the school is becoming more and more a part of community life. The affiliation of the school with the home and the church, with industry and the government, must be made more complete and perfect. To emphasize this broader point of view, and to trace fully the relation of the school to the other educational institutions of life, is the purpose of educational sociology.

53.—THE SOCIALIZATION OF THE CURRICULUM. *Two hours credit.*

Summer Term.

Prerequisites, General Methods and Observation, General Psychology, also General Sociology unless special permission of the instructor is secured. A seminary course consisting of detailed studies of the means and methods of working over each subject in the public-school curriculum so that it will fit the pupil most easily and effectively for meeting the actual conditions of life outside the schoolroom. May well be taken in connection with Educational Sociology.

54.—RURAL SOCIOLOGY. *Three hours credit.*

Second Semester.

A study of social conditions and problems in rural districts and villages. An analysis is made of the various agencies for rural betterment such as the need of amusement, social organization and coöperation, school and church centralization. Particular attention is paid to Kansas conditions and the detailed study of one rural community with a class report upon it is demanded.

54s.—RURAL SOCIOLOGY. *Two hours credit.*

Summer Term.

55.—GENETIC PSYCHOLOGY II. *Two hours credit.*

See Department of Psychology and Philosophy.

56.—SOCIAL PSYCHOLOGY. *Two hours credit.*

See Department of Psychology and Philosophy.

ECONOMICS.

1.—GENERAL ECONOMICS. *Three hours credit.*

Each Semester.

Senior College students are admitted to this class by consent of instructor. A brief survey of the principles of economics, with a preliminary application of these principles to existing business conditions. Special attention will be devoted to local and national politico-economic questions before the public at the present time. In so far as possible it will be an applied rather than a theoretical course, and will be of especial advantage to debaters and those interested in public affairs.

18.—RURAL ECONOMICS. *Two hours credit.*

Summer Term.

In this course the theories of economics most prominent in agriculture are emphasized. The illustrative material used is drawn mainly from farm sources. It is intended to make the course as distinctly practical as possible.

51.—MONEY, BANKING, AND PUBLIC FINANCE. *Four hours credit.*

First Semester.

Prerequisite, General Economics. The first half of the semester is devoted to the general history and principles of money and credit; banking history, theory and practice, and some of the financial problems of the day. The last half of the semester will be devoted to public finance. This course includes an analysis of the fundamental principles of national finance as shown in the leading revenue systems of the world; the variety, nature and workings of the different elements of taxation in our national, state and municipal budgets, and a study of the specific tax problems before the state of Kansas. By special consent of the instructor and adviser the two parts of this course may be taken separately and two hours credit given.

52.—COMMERCIAL AND INDUSTRIAL HISTORY. *Three hours credit.*

On sufficient demand.

A history of commerce. It traces the rise of trade and commerce in ancient times, its development during the Crusades and the age of the Hanseatic and other commercial leagues, and its enormous expansion in recent times; also the effects of geographical conditions, customs and economic ideas upon commerce, and the reactionary effect of commerce upon civilization and national development. It embraces a review of the colonial industrial system, the growth of manufactures, the internal improvement and tariff questions, the development of our banking and currency systems, and the rise and treatment of our trust and monopoly problems.

53.—LABOR AND TRANSPORTATION PROBLEMS. *Four hours credit.*

Second Semester.

Prerequisite, General Economics. A brief history of labor organizations, with a preliminary study of such problems as the union label, strikes and boycotts, workingmen's insurance, employer's liability, profit sharing, and labor legislative programs. This will trace briefly the history of transportation in the United States and Europe, then take up the problems of tariffs, capitalization, organization, judicial control, state regulation of our railways, and a brief review of our maritime and inland waterway policies.

THE NORMAL TRAINING HIGH SCHOOL.

ITS AIM AND PURPOSE.

The purpose of the Normal Training High School is to prepare better teachers for the rural schools of Kansas. The chief aim of its curriculum is to impart specific information which will qualify teachers to meet and solve the problems of rural education in a superior way. It is intended primarily for persons who have not had, at high-school age, opportunities to do high-school work, and who have had teaching experience or who intend to become teachers. Persons who have high-school advantages in their home towns are not encouraged to enter.

The general atmosphere of the school and the professional courses which are given by rural-school experts have a tendency to create in the prospective rural teacher those attitudes of mind toward country life which are in sympathy with the nation-wide movement for improvement of that field.

The Normal Training High School, by maintaining classes of high-school grade, is in a position to offer special opportunities for observation and practice teaching to teachers who expect to enter the high schools of the state. With an enrollment of five hundred serious-minded boys and girls gathered from the rural districts and villages of the state in which only meager educational facilities are provided, and the graduation annually of approximately one hundred teachers, the Normal Training High School is prepared to serve not alone the students of the institution of which it is a part but the rural and high schools of the state as well.

ADMISSION AND REGISTRATION.

(See statement, pages 16 and 17.)

SOCIAL PRIVILEGES.

The Faculty of the Normal Training High School, realizing that the period of adolescence is the time at which appear new social instincts, have provided such forms of social activity as will tend to acquaint the student with the forms and conventions of properly regulated society. This is largely accomplished through various clubs and literary organizations under Faculty direction. Students are also entertained annually in the homes of the Faculty members. The C. S. Club is a type of social organization in the Normal Training High School. It is composed of boys and young men who desire to study social forms and usages and to train its members to meet society in the best possible manner. The C. S. Club is under the sponsorship of Miss Maude Minrow.

The Civics Club, under the direction of Miss Brogan, aims to supplement the class work by giving the student a greater appreciation of what

active citizenship should mean. The Normal Masques, sponsored by Mr. Gilson, and the Athenians, a literary society composed entirely of secondary students, are about the most useful of the social organizations.

AMOUNT OF WORK.

Students must register in not less than three and not more than four subjects. In some cases mature persons with teaching experience may carry five subjects per semester. One unit is the normal amount for completion during the Summer School. Occasionally a student of marked ability and experience may complete one and one-half units.

Students who work for board, room, or pay on school days will in no case be allowed more than the standard amount of high-school work.

CREDIT.

A unit of credit is a year's work done in one subject in a class reciting fifty-five minutes daily for thirty-six weeks, and is a fourth of a full years' work.

GRADUATION.

Students are permitted to complete their work at the close of any semester. Diplomas and certificates are awarded in June and August.

To receive the diploma of the Normal Training High School pupils must have completed sixteen units of work, ten units of which are required and six are elective.

The required work includes three units of English, one of algebra, one of geometry, one of botany or agriculture, one of physics or chemistry, one of history, one-half of hygiene physiology, one-half of civics, and one selected from the list of arts, found in group 6, page 128. One-half unit only in physical training, and three units in music may be counted toward graduation, provided the student is a *bona fide* candidate for a certificate or diploma in music. Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course.

To secure the One-year State Certificate, the following units must be completed: English three, mathematics two and one-half, of which one-half must be arithmetic or bookkeeping, science three, which shall include one-half unit each of geography and physiology, history one, civics one-half, methods and management one-half, psychology one-half, arts one, elective four.

The residence requirement for both the High-school Diploma and the One-year State Certificate is one semester, in which the student must carry work giving not less than four units of credit in addition to work in physical training.

COURSE OF STUDY.

Courses in SMALL CAPITALS are prescribed in all courses. Only when strict conformity works a positive hardship on the student will any exceptions be made. Subjects which are continuous through the year must be completed. For example, a student who expects credit in Latin I must

complete Latin II. Pupils are not permitted to take less than three subjects nor more than four without the consent of the high-school principal, and no student who is failing in two subjects shall be allowed to continue his work unless there be recommendation to the contrary from the teachers involved. Only one-half unit in physical training, and one-half unit in chorus singing may be counted towards graduation.

Six semesters of English are required, and they must be taken in the following order: Course I, course II, course III, course IV, or V, course V, VI, or VII, course VIII. Public Speaking and one year of Literature are elective.

GENERAL COURSE OF STUDY.

FIRST YEAR.

First Semester.

ENGLISH I.
BOTANY I or AGRICULTURE I.
Review Arithmetic.
Latin I.
German I.
Bookkeeping I.
Penmanship I.
Ancient History I.

Second Semester.

ENGLISH II.
BOTANY II or AGRICULTURE II.
ALGEBRA I.
Latin II.
German II.
Bookkeeping II.
Elementary Sight Singing.
Ancient History II.

SECOND YEAR.

First Semester.

ENGLISH III.
EXPOSITION.
ALGEBRA II.
Cæsar I.
Typewriting I.
Woodworking I.
Modern History I.
Free-hand Drawing I.
German Conversation and Composition I.
Intermediate Sight Singing.

Second Semester.

ENGLISH IV.
GEOMETRY I.
Cæsar II.
Typewriting II.
Woodworking II.
Modern History II.
Free-hand Drawing II.
German Conversation and Composition II.
Stenography I.

THIRD YEAR.

First Semester.

ENGLISH V.
PHYSIOLOGY.
GEOMETRY II.
French I.
Joinery.
Cicero I.
Stenography II.
Speed Practice Typewriting.

Second Semester.

ENGLISH VI.
CIVICS.
Solid Geometry.
French II.
Cabinet Making.
Cicero II.
Geography.
Stenography III.

FOURTH YEAR.

First Semester.

ENGLISH VII.
PHYSICS I or CHEMISTRY I.
Advanced Arithmetic.
Foods and Sewing.
Psychology.
Virgil I.
American History I.

Second Semester.

ENGLISH VIII.
PHYSICS II or CHEMISTRY II.
Algebra III.
Foods and Sewing.
School Administration.
Virgil II.
American History II.

ONE-YEAR STATE CERTIFICATE COURSE.

Since the greater part of the student body in the Normal Training High School are preparing to teach, and usually do teach for a period between their high-school work and their college work, the courses required for the One-year State Certificate are listed here. Sixteen units are required. The residence requirement is one semester in which the student must carry full work.

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.

Oral English, 1 unit.

Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, $1\frac{1}{2}$ units.

Geometry, $1\frac{1}{2}$ units.

Arithmetic, 1 unit.

Bookkeeping, $\frac{1}{2}$ unit.

Required: Two and one-half units, one-half unit being arithmetic, or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted:

Botany, 1 unit.

Physics, 1 unit.

Agriculture, $1\frac{1}{2}$ units.

Geography, $1\frac{1}{2}$ units.

Physiology, $\frac{1}{2}$ unit.

Required: Three units, one-half unit being geography, and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted:

American history, $1\frac{1}{2}$ units.

European history, 2 units.

Civics, $\frac{1}{2}$ unit.

Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted:

Methods and management, $\frac{1}{2}$ unit.

Psychology, $\frac{1}{2}$ unit.

Required: One unit.

GROUP 6.—ARTS.

May be submitted:

Drawing, 2 units.

Music, 3 units.

Physical training, $\frac{1}{2}$ unit.

Manual training, 2 units.

Domestic science or domestic art, 2 units.

Penmanship, 1 unit.

Required: One unit.

ELECTIVE.

Required: Four units.

Normal Training High School Courses.

No course will be offered unless registered for by eighteen students.

The summer term, and the first and second semester, indicated below as the time when these courses are given, make up the school year May 31, 1917-May 29, 1918.

Agriculture.

Mr. ROSKE.

In the high-school agriculture, plant and animal life are always studied from the economic point of view. Such fields as fruit growing and market gardening are studied profitably. Well-organized facts concerning the fertility of our soils are taught, and the pupil comes to realize that the future of Kansas and of the nation depends upon the efforts of the individual farmer in building up the productivity of his soil. In general, high-school agriculture opens up a field for fruitful thought along these lines, and whenever any one has reached such a mental condition due to his education, he has been made a better citizen and a more capable teacher.

FARM CROPS (AGRONOMY). *One-half unit credit.*

Summer Term, and each Semester.

This course includes a study of the grain crops, hay and fodder crops, root and tuber crops, fiber crops and legumes. There is also a detailed consideration of insects and obnoxious weeds, with methods of control. This is a practical course in the study of agronomy.

FARM ANIMALS (ANIMAL HUSBANDRY). *One-half unit credit.*

Summer Term, and each Semester.

A course including a study of types and breeds of farm animals, feeding, live-stock judging, dairying and its relations to Kansas problems of soil fertility.

FARM MANAGEMENT. *One-half unit credit.*

This course includes crop rotations, plant and animal breeding, the common diseases of animals and their treatment, farm machinery, farm buildings, and the keeping of records and accounts. This is a practical course for the teacher who expects either to do high-school work or to make a specialty of rural teaching. Required of those expecting special recommendation for teaching in rural schools. Prerequisites, Agriculture I and II. Deposit, 50 cents.

HORTICULTURE AND FORESTRY. *One-half unit credit.*

This is a new course, but will be required of those who expect recommendations either for special fitness for rural-school teaching, or to teach agriculture in a high school. It covers a new phase in secondary education in Kansas, as elsewhere, and includes fruit growing, market gardening and trucking, marketing produce, care of orchards and small fruit farms, sprays and spraying, and practical forestry for Kansas.

Students taking this course will be furnished vacant lots, plants and seeds, spraying outfits, hoes, rakes, etc., if desired. The student

may choose his own plants, and follow any phase of gardening or trucking he desires, provided it be consented to by Mr. Phipps. Part of the class time will be spent in care of the lot, and the grade given in the course will be largely determined by the merits of the work done and the results shown. The produce will be marketed coöperatively, and the net profit returned to the student.

Botany.

MR. AGNELICUS.

ELEMENTARY BOTANY I. *One-half unit credit.*

Summer Term, and each Semester.

Topics considered: A study of the so-called lower plants with especial emphasis on bacteria and their relation to health, to the preservation of foods, and to soil production and fertility; a similar treatment of fungi, and the origin and nature of a seed. The method is strictly developmental throughout. Text: Bergen and Caldwell's Introduction to Botany. A deposit of seventy-five cents is required in each of these courses to guarantee the return of apparatus entrusted to the student.

ELEMENTARY BOTANY II. *One-half unit credit.*

Summer Term, and each Semester.

The previous course will be continued, with a comparative study of seeds, their germination, their structure and contents; the general structure and work of plants—their roots, stems, and leaves, and the significance of these; plant products and industries connected with them; a consideration of some of the leading families of plants, their uses, characteristics, and distribution; plant improvement, including plant breeding. This study includes field and laboratory work, illustrated lectures, class discussion, and recitations. No credit is given for either of these courses without the other. Text and deposit the same as in Botany I.

Chemistry.

MR. VAN VORIS.

CHEMISTRY I. *One-half unit credit.*

First Semester.

A study of the principles and laws of the science, with something of its history. The course will include a detailed study of the most typical nonmetallic elements and of some of the more useful metals. It will also cover an introduction to the study of some of the simpler and more familiar organic compounds. The student becomes familiar with such laboratory methods of filtration, evaporation, precipitation, neutralization, distillation and weighing as will give him facility in analysis in the work of the second semester. Text: Olson's Pure Foods. Laboratory fee, \$1.

CHEMISTRY II. *One-half unit credit.*

Second Semester.

Practical analysis is continued throughout the semester. The work includes both qualitative and quantitative analysis of such familiar things as tea, coffee, baking powder, vinegar, fruit juices, water, milk, foods—including tests for adulteration, preservatives, artificial colors and flavors. The chemistry of dyeing and stains receives attention. The more common remedies and patent medicines are examined. The course is elastic enough to allow it to be adapted to the needs of the class and the interest of the individual student. Text: Allyn's Elementary Applied Chemistry. Laboratory fee, \$2.

Commerce.

Professor PARKE.
Mr. SKOGLUND.

BOOKKEEPING I. *One-half unit credit.*

Summer Term, and each Semester.

The elementary principles of bookkeeping are studied, and applied in the use of the journal-daybook, cash book, sales book, and ledger. Thorough drill is given in the opening and closing of accounts and in making trial balances and statements. The course includes simple business practice.

BOOKKEEPING II. *One-half unit credit.*

Each Semester.

Prerequisite, Bookkeeping I. The student handles a large number of business forms and uses school currency. Special attention is given to the classification of accounts and to making business and financial statements.

BOOKKEEPING III. *One-half unit credit.*

Prerequisite, Bookkeeping II. This course includes the accounts of a large business in which subsidiary ledgers, special column books, and very comprehensive forms of business and financial statements are used.

PENMANSHIP I. *One-half unit credit.*

Summer Term, and each Semester.

No prerequisite. Study of correct position. Muscular movement is used and drills given for the mastery of movement. Development and analysis of both capitals and small letters and of figures. The aim is to develop a rapid and legible handwriting.

COMMERCIAL LAW. *One-half unit credit.*

Each Semester.

It is the aim of this course to present clearly the more important points of business law that are likely to arise in everyday affairs. The leading principles of contract law, illustrated by references to court decisions, are studied, and their application to practical matters is shown. Open to Seniors.

TYPEWRITING I. *One-half unit credit.*

Each Semester.

Beginning with a mastery of the keyboard by the touch method, the student is given a series of progressive exercises in writing words, sentences, and business letters, leading to the acquisition of practical speed and accuracy in writing ordinary business and literary matter.

TYPEWRITING II. *One-half unit credit.*

Each Semester.

Prerequisite, Typewriting I. Continued drill is given to attain speed and accuracy. Business letters, common legal and business papers, and tabulating exercises are given. The student is trained to write smoothly and rapidly and without error, any kind of miscellaneous matter or business documents.

STENOGRAPHY I. *One-half unit credit.*

Summer Term, and each Semester.

No prerequisite. Mastery of principles is the principal aim in this course. Careful attention is given to the correct formation of characters and outlines, and constant drill given in reading short-hand notes. Suitable dictation is given from the beginning.

STENOGRAPHY II. *One-half unit credit.*

A continuation of course I. A gradual increase of speed is sought, but is made subordinate at all times to legibility of notes. Shortening principles, phrasing, and transcriptions are taken up in a series of progressive exercises.

STENOGRAPHY III. *One-half unit credit.*

A continuation of course II. This course includes advanced speed practice, with drills in rapid reading and transcription of notes.

STENOGRAPHY IV. *One-half unit credit.*

Continuation of course III. Designed to give the student skill to take rapid dictation and transcribe with accuracy and correctness.

Drawing.

Miss WOOSTER.

The courses of art education in the high school aim to familiarize the student with fundamental art principles, to create a love for the beauties of nature, skill in drawing and construction.

ELEMENTARY FREE-HAND DRAWING. *One-half unit credit.*

Summer Term, and each Semester.

This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of free-hand drawing in outline from models—forms of pottery, books, boxes, plants, trees, buildings, etc. The materials used are, pencil, charcoal, colored crayons, white and tinted papers, blackboard. Silhouette drawings of flowers, trees, animals, and the human figure in action are made with brush and India ink. This course includes simple problems in design, as surface patterns and borders applied to wall papers, book covers, rugs, etc.; also, a working knowledge of perspective principles, both free-hand and mechanical.

ELEMENTARY FREE-HAND DRAWING II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, Free-hand Drawing I. The primary object of this course is to develop skill in drawing, construction and design. It includes perspective drawing, constructive problems, elementary and applied design, decorative treatment of landscape, still life and plant forms, also costume design and interior decoration.

English.

Professor BARRETT.
Miss McDANIEL.
Miss ASKEW.
Miss ———.

Six semesters of English are required, and they must be taken in the following order: Course I, course II, course III, course IV or V, course V, VI or VII, course VIII. Public Speaking and one year of Literature are elective.

Each course stands distinctively as a composition course or as a literature course, yet the two phases of English work are not entirely divorced. Some literature is used in the constructive courses, and both oral and written reports are required in all courses in literature. A great

deal of attention is paid to oral composition, primarily for its own sake rather than because of its important relation at times to the written work required.

Literature is studied rather than a textbook about literature. The history and biography are made merely incidental, being used only as a background. The library furnishes an abundant supply of histories of literature, and the students are referred to them for any desired information of that nature. In place of studying by the chronological or period plan, or by making artificial distinctions between American and English literature, the students study types of literature. In each case they are introduced first, in so far as it is possible, to the best efforts of the present-day writers and later to the classics of earlier times. The underlying idea is to arouse in the student an appreciation of good literature and a real liking for it, rather than to make the courses dominantly informational.

I.—ELEMENTARY COMPOSITION AND GRAMMAR. *One-half unit credit.*

Summer Term, and each Semester.

It is sought in this course to make the study of English grammar practical and profitable. Stress is laid on principles that affect speech and writing, and themes are assigned that require the immediate use of these principles. Grammar is made a reasoning and not a memory subject. A study is made of the student's own language rather than the language of the classics. Methods and suggestions as to the presentation of this work to beginners are frequently presented.

II.—NARRATION AND DESCRIPTION. *One-half unit credit.*

Each Semester.

Prerequisite, course I. Throughout this course the emphasis is placed on oral and written composition, the aim being to produce freedom and spontaneity of expression. The structure of the sentence receives special attention, and no student is allowed credit for the course who is unable to speak or write a clear, forceful sentence. The subjects for composition are narrative and descriptive, and the principles of this composition are derived from the study of fiction.

III.—EXPOSITION. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, course 2. This course presupposes a knowledge of sentence structure and of the paragraph as a unit. In the composition work emphasis is largely placed upon oral and written explanations of things which the individual pupil is using in his life outside the English classroom or which appeal most strongly to his interest. Proper organization of material is made the dominant element in the course. This is stressed in the thoroughgoing work on paragraph development and the study of the entire theme. There is careful consideration of the gathering of material, the making of logical outlines, and the writing or speaking from these outlines. Well-edited magazines and newspapers are used almost entirely as models in the study of applying the principles of rhetoric to composition.

IV.—SHORT STORY AND NARRATIVE POEMS. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, courses I, II, and III. Short stories are selected from representative writers of England and America, from the magazine

writers of to-day back to Irving, Hawthorne and Poe. Only so much of the technique of the short story is taken up as will increase the appreciation and enjoyment of the reading. An effort is made to develop the critical powers of the student and to sharpen his discernment of what is good. Reports are made by the student on extensive outside reading. In a similar way narrative poems are studied from Van Dyke back to Chaucer.

V.—SHAKESPEARE AND LYRIC POETRY. *One-half unit.*

Summer Term, and each Semester.

Prerequisites, courses I, II, and III. Three or four plays of Shakespeare are carefully studied in class, and others are assigned for outside reading. The plays are approached as much as possible from the viewpoint of presentation. The general artistic and moral effect sought by the great dramatist is emphasized, and textual criticism is reduced to a minimum. Pleasure and satisfaction from reading the plays is sought rather than scholastic information in regard to the structure and sources. An effort is also made in this course to develop some appreciation for the lyric. The whole field of lyric poetry in English and American literature may be drawn on for material, but the first and principal stress will be placed on lyrics that deal with conditions and emotions familiar to the students, hence with modern poems.

VI.—NOVEL AND ESSAY. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, courses I, II, III, and IV or V. Special emphasis is placed in this course on modern essayists and novelists, the aim being to train the student to discriminate intelligently in their present-day reading and to appreciate and enjoy real literature. The great works of the authors of the past, however, will also be studied.

VII.—DRAMA AND ORATION. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, courses I, II, III, and two courses in Literature. This is a more advanced course in literature, and is purely elective. Various things that it is not possible to include in the other courses are taken up, but the particular study will be on the drama, contemporary and earlier, and on the oration.

VIII. ARGUMENTATION. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, courses I, II, and III, and two semesters of literature. As Argumentation is made the final course in English, it serves as a review of constructive work as well as a study of argument. Considerable emphasis is placed upon practical phases of writing, such as business and social correspondence. Newspaper writing is also made a part of the work, the *Normal High School Record* in the *Normal Bulletin* being in charge of this class. Various forms of written argument are considered, but most stress is laid upon oral types, informal discussions as well as formal debates on subjects of current and school interest being used. Well-edited magazines are made a basis for some of this work.

Geography.

Miss ATWOOD.

PHYSIOGRAPHY. *One-half unit credit.*

Summer Term, and First Semester.

A study of land forms and of the atmosphere, of the agencies that have affected the earth's features or that are now changing

them. Attention is always given to geographic influences upon life and upon history. The laboratory work consists of the study of topographic maps, visits to the museum, and field trips.

POLITICAL GEOGRAPHY. *One-half unit credit.*

First Semester.

A general course in common-school geography, made more intensive than is ever possible in the grades. This course is a study of the most important countries of the world. Emphasis is laid on the physical basis for the development of the agriculture of any nation, and a knowledge of natural resources as a basis for industrial development. Many special references are given.

COMMERCIAL GEOGRAPHY. *One-half unit credit.*

Second Semester.

A study of the world's chief commercial commodities and the factors influencing their production, distribution and development. Text, Robinson's Commercial Geography.

Government.

Miss BROGAN.

A practical and, as far as possible, a first-hand acquaintance with the actual working of our government in its local, state and national phases is the aim of this work. It is felt that the student can begin to study most intelligently that form of government which he sees in daily manifestation close at hand. As a consequence he begins with the township and city. A study of their government acquaints him with many things connected with the state government. This, in turn, gives him a basis which enables him to interpret what he finds in the national government. The fact that our government is constantly changing is kept before the classes in this work, by careful attention to newspapers and magazines in their discussions of various problems and how they are being dealt with in the various departments of our government.

GOVERNMENT. *One-half unit credit.*

Summer Term, and each Semester.

The work begins with a short study of township government in connection with conditions in rural communities. City government is then taken up; some of the problems of cities are studied in connection with visits to the city offices. This is followed by a more extended study of the county government. Here again the classes visit the offices they are studying. The remainder of the term is devoted to the state government. The second term of the semester takes up the historical development of the constitution of the United States, followed by a study of the legislative, executive and judicial departments of the national government. By careful division into legislative, executive and judicial groups, the members of each class are given a better insight into the actual processes of legislation and administration.

COMMUNITY CIVICS. *One-half unit credit.*

Summer Term, and Second Semester.

Elective. This course may be substituted for course I. The feeling that merely studying the constitution does not help much to make good citizens has long been growing. One test of the value of a subject in the high-school curriculum is how it functions in the

life of the students. The State Normal Training High School was probably the first in the state to offer this work in community civics. Most earnest efforts are made to have the student see the importance of local regulations and his relation and responsibility in connection with them. He lives his life in a community; he should know what it demands of him, and what he should expect from it.

The work of this course consists of a study of local affairs. It is conducted by personal visits and investigations. In every possible way the members of the class are given an opportunity to see how local community and governmental affairs are actually carried on. The court room, the city and county offices, the streets and roads, the waterworks, etc., are the laboratories for this work. Local government, *i. e.*, township, city and county, receive most careful consideration. The state and national governments come in for attention near the close of the semester in the group work described above in course 1. Special problems, such as franchises, municipal ownership, health regulation and immigration, are studied by the debate method. The aim of the course is to turn out citizens who will have an active interest in the affairs of the communities into which they may go.

American History.

MISS MINROW.

AMERICAN HISTORY I. *One-half unit credit.*

Each Semester.

The founding of the republic, 1492-1817. The most important discoveries and explorations, with the European conditions leading up to them, are considered extensively. Virginia and Massachusetts are studied thoroughly as types, the other colonies only in their contributions to later movements and institutions. Both the Revolutionary War and the War of 1812 are studied from the standpoint of cause and effect. Particular emphasis is placed on the social and political development of the colonies and states during this period. Text: Muzzy's American History.

AMERICAN HISTORY II. *One-half unit credit.*

Summer Term, and each Semester.

This course covers the period from 1817 to the present time, and deals with the development of national policies, with the struggle between national and state interests, and with the social and political problems leading to the Civil War. Emphasis is laid on the cause, result and principal events of this war. Reconstruction and its problems are studied from the standpoints of both the North and the South, and students are sometimes referred to the text in American history, officially approved by the Confederate Veterans' Association, that they may see how the men of the South looked at national policies during the days of struggle and now. The major part of the last half of the course is devoted to events of recent years, as Spanish-American War, colonial possessions and their problems, civil service, immigration, Panama canal, trusts, and changes in political parties. Text: Muzzy's American History.

CURRENT EVENTS. *One-half unit credit.*

Summer Term, and each Semester.

The department has found this course essential to students of high-school age. These students often have only textbook knowledge and care little for reading of the conditions and problems of the

present time. This course gives them an opportunity to become interested in topics of general knowledge and culture. The course is based upon articles in the leading newspapers and periodicals, and is not confined exclusively to historical subjects, but to all items of general information.

European History.

Miss BROGAN.

ANCIENT HISTORY I AND II. *One unit credit.*

Throughout the year.

This course covers the essentials of the history of the Oriental nations and takes a more detailed study of Greece and Rome. It carries the work through the period of Charlemagne, the barbarian invasions, and the nationalization of Europe, closing with the year 1700.

MODERN HISTORY I AND II. *One unit credit.*

Throughout the year.

Course I traces the history of Europe from 1700, through the Industrial Revolution and the French Revolution to the Congress of Vienna, 1815.

Course II begins with 1915 and makes a careful study of modern nations. Special emphasis is laid upon the history of the past fifty years, and the relations of the nations up to the present time. Current history is an essential part of both courses offered.

Home Economics.

One semester each is given to art and science of home-making. The work in each is given for two hours daily from two to four p. m., and offers one-half unit credit.

DOMESTIC ART. *One-half unit credit.*

First Semester.

The course includes hand and machine sewing, pattern drafting, making of undergarments, study of color and design, adaptability of style to individuals, making of one dress. Deposit, 50 cents.

DOMESTIC SCIENCE. *One-half unit credit.*

Second Semester.

The course includes a study of foods, selection and preparation of foods, serving, dining-room and table equipment. Laboratory fee, \$4.

Latin.

Mr. BLACK.

The aim of the courses in Latin is to acquaint the student with the life, language and civilization of the Roman people. The great civilization centering in the "Eternal City" from which come modern law, military tactics, great literature and the abundant enrichment of the English language is fundamental in the interpretation of modern life. No subject in the curriculum is so basal to the work of every other department. Courses, beginning Latin I to Cicero II, inclusive, offered each semester.

BEGINNING LATIN I. *One-half unit credit.*

The course completes one-half the text with attention to declensions, conjunctions of the indicative mode, comparisons, etc. Stories from mythology and legendary Roman history are introduced early. The subject is correlated with English grammar, and thereby the student is made more familiar with his mother tongue. Open to students without previous knowledge of Latin. Text: Smith's Latin Lessons.

BEGINNING LATIN II. *One-half unit credit.*

Last half of the Smith text completed. Special attention is given to the subjunctive and to reviews. The course concludes with some of the easier selections from Cæsar's Gallic War. Open to those who have had Latin I and to those who desire a review.

CÆSAR I. *One-half unit credit.*

A study of Books I and II. The present world's war has for its western campaign practically the same theater as that of the first three campaigns of Cæsar in Gaul. In this respect the two wars are kept constantly correlated. The masterful generalship of Cæsar affords great interest. The student learns that the Teutonic ambition for territory westward is by no means recent. This course affords a basis for extended translation, with stress laid on case usage. Texts: Walker's Cæsar, Bennett's Grammar, Bennett's New Latin Composition, Part I.

CÆSAR II. *One-half unit credit.*

Books III and IV of the Gallic war. Prose composition continued from Cæsar I. The principles of Latin syntax are more firmly grounded, especial attention being given to the modes. Cæsar's Gallic campaigns and the initiatory campaign in Britain mark the advent of the Roman element into French and English civilization. Texts: Same as for Cæsar I.

CICERO I. *One-half unit credit.*

The four orations against Catiline. Ciceronian eloquence and its influence on modern oratory. The conspiracy of Catiline with reference to Roman social and political life and comparisons with modern social conditions. Careful study of syntax, with especial attention to conditional sentences, analysis of each oration and prose based on the text. Texts: Bennett's Cicero, Bennett's New Latin Composition, part II.

CICERO II. *One-half unit credit.*

Orations for Pompey, Archias and Marcellus. An investigation of Roman political institutions and advanced study of syntax. Prose composition continued. Texts: Same as for Cicero I.

VIRGIL I. *One-half unit credit.*

First Semester.

The translation of Books I-III of the Æneid. The beauty of ancient literature, the rhythmic movement of the hexameter and the poetic nature of Roman life reach their highest form in this great epic. Some study of scansion and mythology; short papers and reports on related topics. Text: Knapp or Bennett.

VIRGIL II. *One-half unit credit.*

Second Semester.

Translation of Books IV to VI, inclusive. Supplementary mythology. The author's place in literature. The Æneid as a whole. Papers and reports.

Manual Training.

Professor BRAUCHER.
Mr. WELLS.

ELEMENTARY MECHANICAL DRAWING. *One-half unit credit.*

Summer Term, and each Semester.

A course in the elements of mechanical drawing, including exercises in the use of instruments, geometric constructions, free-hand lettering, orthographic projection of simple solids at various single angles, and the application of orthographic projection in making working drawings, tracings and blue prints.

ADVANCED MECHANICAL DRAWING. *One-half unit credit.*

A continuation of the above course, giving practice in orthographic projection of more complicated objects, and in double angles; surface developments, sections, isometric and cabinet projections, shadows, and some application of the principles of practical drafting.

FARM CARPENTRY AND SHOP PROBLEMS IN MATHEMATICS.

One-half unit credit.

A course in the principles of construction, and the application of mathematics to the practical daily problems of building as required about the home or on the farm. The shop work will consist of framing of simple structures, and typical parts of the more complex structures, giving a working knowledge of the steel, square and other common carpenters' tools.

ELEMENTARY WOODWORK. *One-half unit credit.*

Summer Term, and each Semester.

A course in wood construction suited to the intermediate and lower grammar grades. Work with tools at the bench will be required. Simple models selected to illustrate and give practice in the use of the common woodworking tools will be made.

ADVANCED WOODWORKING. *One-half unit credit.*

A continuation of the above course, dealing with models appropriate for the grammar grades. Work requiring greater skill in the use of tools will be selected, and students will be expected to plan and execute several original or adapted models, in addition to those in an assigned course.

JOINERY. *One-half unit credit.*

Summer Term, and each Semester.

A course beginning with a series of joint exercises illustrating the common point in wood construction and continuing into the application of some of these in appropriate models.

CABINETMAKING. *One-half unit credit.*

A course in advanced woodworking, dealing with models requiring more accurate use of the tools. Some attention will be given to the lines and decorations, with the methods of securing pleasing effects through wood combination, inlaying and simple carvings.

WOOD TURNING. *One-half unit credit.*

A beginning course in wood turning, with instructions on the care and uses of the lathe; practice in the sharpening of the usual turning tools—chisels, gouges, parting tools, etc. The students will be required to make a series of exercises between centers on the lathe, beginning with the cylinder, through progressive modifica-

tions, showing the characteristic uses of the tools; followed by the turning of several useful pieces for further practice in the uses of the lathe.

ADVANCED WOOD TURNING. *One-half unit credit.*

A continuation of the above course, giving further study to the lathe and its uses, including problems in hollow turning, faceplate and chunk work, as illustrated in the making of rosettes, boxes, goblets, etc.

Mathematics.

Associate Professor ELLIS.
Mr. KELLER.
Miss HANSEN.
Miss WRIGHT.

REVIEW ARITHMETIC. *One-half unit credit.*

Summer Term, and each Semester.

Drill in the fundamentals with integers and fractions, common factors and multiples, and square root. Denominate numbers, including the metric system. The fundamentals of mensuration: *i. e.*, area of square, rectangle, parallelogram, triangle, trapezoid, and circle; volume of rectangular solid, pyramid, prism, cylinder, cone and sphere. Pythagorean proposition and its applications. Problems in analysis and simple proportion, and its general applications to concrete problems. Percentage and its general applications. Business applications of percentage, interest, commercial discount, bank discount, commission, taxes, insurance, stocks and bonds. Longitude and time.

ALGEBRA I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 1, or a good foundation in arithmetic. The notion of general number developed through formulas; *e. g.*, $i = prt$, $d(\text{distance}) = rt$. Positive and negative numbers, their sum and their difference. Exponents, and their laws, the four fundamental operations and factoring. Linear equations in one variable. Applications.

ALGEBRA II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 2. Factoring, solution of equations by factoring; fractions and fractional equations. Systems of linear equations and graphs. Square root, surds and the simple facts of imaginary numbers necessary to the quadratic equation. Quadratic equations solved by the three methods with applications. Ratio and proportion.

PLANE GEOMETRY I. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 3. Triangles, parallel lines, quadrilaterals, polygons, loci and circles. Methods of attacking exercises.

PLANE GEOMETRY II. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 4. Ratio and proportion, similar figures, areas, regular polygons and circles. Applications of geometry to practical problems.

SOLID GEOMETRY. *One-half unit credit.*

Summer Term, and Second Semester.

Prerequisite, course 5. Elective in Secondary School. For description see course 4 under Collegiate Mathematics.

ADVANCED ARITHMETIC. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisites, one year each of Algebra and Geometry. Elective in Secondary School. For description see course I under Collegiate Mathematics.

ALGEBRA III. *One-half unit credit.*

Summer Term, and each Semester.

Prerequisite, course 5. Elective. For description see course 3 under Collegiate Mathematics.

Modern Languages.

Miss STADLER.

Language study belongs to the High School rather than to the College, because it calls to a great extent for memory and imitation. The pupil will save time in the end by devoting as early a period of his school life as possible to language, study, and by leaving the sciences to a relatively later period. The drill in accuracy, observation and analysis required in language work will be a strong aid in later work in science.

The study of a foreign language has one or more of three main values: Disciplinary, cultural, and practical. To give a sentence correctly in a foreign language requires accuracy and rapidity of thought, close observation, and careful analysis of both foreign and native language, for each word must be correct in itself and have the proper place in relation to other words in the sentence.

FRENCH.

French is an elective subject throughout the course, and one unit of it will be offered, organized along the lines of the German courses which follow, as the demand for them arises.

GERMAN.

Aside from the cultural and disciplinary value which the study of any language possesses, the practical side of German is easily apparent. The ability to express one's self in a foreign tongue is a power, and our courses are planned to give the students such power. In commercial life the salesman is enabled to understand the habits and thoughts of the buyer. For one traveling in Germany the ability to speak the language of the country saves time and money and doubles the pleasure of the trip.

Besides classroom work, a German play will be given annually. The students always find this well worth while, on account of the careful drill in pronunciation and the feeling gained that the language is real and alive. A German club will meet once a week to give pupils in the department a social hour together, such as the German people themselves enjoy at their coffee hour.

ELEMENTARY GERMAN I. *One-half unit credit.*

Summer Term, and each Semester.

Allen's Daheim. Spanhoofd's Elementurbuch der Deutschen Sprache to lesson 14.

ELEMENTARY GERMAN II. *One-half unit credit.*

Each Semester.

Spanhoofd's Elementarbuch der Deutschen Sprache completed. The central idea of this work in the first year of German is to introduce the pupils to a foreign language in the easiest and most natural way, *i. e.*, by speaking and hearing it. The composition work will consist mostly of simple original sentences, gradually working into complex sentences.

CONVERSATION AND COMPOSITION I. *One-half unit credit.*

Spyri's *Moni der Geissbub*, Stokl's *Alle Fünf*, Storm's *Immensee*, and Allen's *Prose Composition*.

CONVERSATION AND COMPOSITION II. *One-half unit credit.*

Each Semester.

(1) Heyse's *Niels mit der offenen Hand*, Riehl's *der Fluch der Schönheit*, and Wildenbruch's *Das edle Blut*, or (2) Allen's *German Prose Composition* completed. The conversation will be based on the reading, the object being to teach the students to get the contents without translation. The paragraph will be developed during this year in both conversation and composition. As a test of thoroughness of the work idiomatic English translations will be called for as needed.

CONVERSATION AND READING. *One-half unit credit.*

First Semester.

Fulda's *Unter vier Augen*, Baumbach's *Der Schuregersohn* or Seidel's *Lebercht Huhnchen*, Freytag's *Die Journalisten*, Bacon's *Im Vaterland*.

SCHILLER. *One-half unit credit.*

Study of Lives of Schiller and William Tell.

Music.

ELEMENTARY SIGHT SINGING. *One-half unit credit.*

Summer Term, and each Semester.

This course introduces all the essential rudiments, and aims at ability to read music in the treble clef, accurately, at sight.

INTERMEDIATE SIGHT SINGING. *One-half unit credit.*

Summer Term, and each Semester.

Elementary music, or its equivalent, required for admittance. This course introduces more difficult music, bass clef, and four-part singing.

GIRLS' CHORUS.

Summer Term, and each Semester.

Prerequisites, Elementary, and Intermediate Sight Singing. Rehearsals twice a week for eighteen weeks, including drill on four-part choruses for girls' voices and production of an operetta or cantata.

MEN'S CHORUS.

Summer Term, and each Semester.

Rehearsals twice a week for twenty weeks for the study of four-part choruses for men's voices. Private instruction in voice and piano may be obtained upon application to head of the department. Rates, \$10.50 to \$18 per term of eighteen lessons, for which one-sixth unit of credit is granted.

Physical Training.

FOR MEN.

Gymnasium Costume.—The regulation costume is worn in all classes. It consists of a white sleeveless shirt, white track pants and white tennis shoes. The suit complete can be secured from local dealers at a cost of two and one-half dollars.

The student in the Normal Training High School of the Kansas State Normal has an ideal opportunity for education in physical training. He has access to one of the finest gymnasiums in the state. In this building, with its patent running track, four basket-ball floors, two apparatus floors, wrestling, fencing and boxing rooms and swimming pool, are eight fully trained instructors, two of whom have special charge of the work for the Normal Training High School.

Adjoining the gymnasium is the best athletic field in the state, with a cinder quartermile track and a two-hundred-and-twenty-yard straight-away, a football field, four baseball diamonds, and nine tennis courts. One section of this field is set aside for the use of the girls, and is equipped for playground ball, cross ball, soccer and other courts for outdoor sports.

The students of the Normal Training High School have their own athletic association, and put out teams in all the major sports. These teams have the advantage of professional instruction by college coaches and are generally successful. The association adopted as their honor letter a six-inch block "N" which is given to men who distinguish themselves in athletics.

Required.—Three hours a week for four semesters. The credit given for this will count as half a unit toward graduation and the One-year State Certificate, but not for college entrance.

As the work in physical training varies with the season, the semester is divided into two terms of nine weeks each. Work must begin upon entering school, and the student is required to complete it during the first two years of his course unless he is excused by the Director, in which case he must make up the work before graduation. Of the required work, two courses each year must be in class gymnastics. The student may elect the terms in which he makes his gymnastic requirement. During the other two terms he may elect work in any athletic sport that is offered. As the midwinter terms are best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

- 2.—ELEMENTARY GYMNASTICS. Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.
- 3.—INTERMEDIATE GYMNASTICS. Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling.
- 4.—ADVANCED GYMNASTICS. Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus.

- 8.—**FOOTBALL.** Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.
- 9.—**SOCCER FOOTBALL.** Given in season. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.
- 10.—**BASKET BALL.** Classes are organized each semester of the year. The A. A. U. game is taught to elementary classes and the inter-collegiate game to the first and second teams. An interclass series is played.
- 11.—**BASEBALL.** Given in season. Individual and team practice. The squad is divided into teams graded according to ability.
- 12.—**TRACK AND FIELD ATHLETICS.** Given in season, only to men in good physical condition as shown by physical examination. Cross-country running is given in season.
- 13.—**TENNIS.** Given in season. Tournaments in both singles and doubles are held during first and fifth ten weeks.
- 14.—**SWIMMING.** Elementary and advanced instruction is given throughout the year.

FOR WOMEN.

The aim of this department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and symmetrical development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playground, athletics, games, and folk dances.

Required.—Three periods of work per week in gymnastics, athletics, or other elective work during the first two years of work in residence. One-half unit credit, which may apply on requirements for graduation and One-year State Certificate, but not for college entrance. Of this requirement, one-fourth must be in athletics or other elective work, but the other three-fourths must be regular gymnasium class work, which consists of marching tactics, free-hand or light hand-apparatus exercises, games or fancy steps. A semester of gymnastics must be completed before a student may substitute elective work.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit and broad-

toed tennis shoes. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report to the Director's office, where second-hand suits of outgoing students will be sold for about four dollars, or new ones may be ordered for five dollars. Only regulation suits will be allowed on the floor.

- 2.—ELEMENTARY GYMNASTICS. Required of all beginners. Three periods a week.
- 3.—INTERMEDIATE GYMNASTICS. Required of all students who have completed course 2. Three periods a week for at least one semester.
- 4.—ADVANCED GYMNASTICS. Open only to students who have passed course 3 with high grades and are physically adapted to apparatus exercises.
- 7.—CORRECTIVE GYMNASTICS. Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak back, pronated ankles or other physical weaknesses.
- 8.—OUTDOOR SPORTS. Open to all students who have completed two terms of gymnastics. Three periods a week, in the spring and fall. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics, and relay racing.
- 9.—SOCCER. Open to students who have passed one semester of gymnastics. One period a week for the first half of the first semester.
- 10.—BASKET BALL. Open only to students who are physically qualified and who have completed course 2. One period a week.
- 11.—BASEBALL. One period a week in the second half of the second semester.
- 12.—HOCKEY. One period a week in the spring and fall.
- 13.—TENNIS. Open to all students having a privilege of electing athletics. One, two, or three periods a week.
- 14.—SWIMMING. One lesson a week is allowed each student.
- 26.—ESTHETIC DANCING. (Elementary.) Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized and is now considered one of the most important phases of gymnastic exercises.
- 27.—FOLK DANCING. (Elementary.) One period a week. In this course are taught the simple peasant and national dances suitable for re-creative and exhibition work with children.
- 28.—ESTHETIC DANCING. (Intermediate.) One period a week.
- 29.—FOLK DANCING. (Intermediate.) One period a week.
- 35.—INDIAN CLUBS. One period a week.
- 36.—CROSS BALL. One period a week.

Physics.

Mr. VAN VORIS.

PHYSICS I. *One-half unit credit.*

Summer Term, and each Semester.

Properties of matter, motion; characteristics of liquids and gases, work, energy, and heat. The needs and interest of the pupil are kept constantly in mind. The subject is adapted to the pupil instead of adapting the pupil to the subject. During the year the class visits the ice plant, gas works, street railway and railroad car shops, foundry, steam and water mills, telephone exchange, water-works, heating and ventilating plants, and such other places of interest as opportunity offers.

PHYSICS II. *One-half unit credit.*

Summer Term, and each Semester.

Magnetism, electricity, sound and light. Students having special aptitude are given opportunity to do extra work, such as making motors and dynamos, batteries, erecting telephone and telegraph systems, and wireless telegraph stations. They study and test the efficiency of machines, hot-air and gas engines. An abundance of apparatus, selected with reference to the needs of the pupils, is used by the instructor in demonstrating the class work and by the pupils in the laboratory. Text: Black and Davis's "Practical Physics."

Household Physics.

Mr. VAN VORIS.

Open to young women, especially those taking Domestic Science. May be taken instead of the regular Physics I and Physics II with the consent of the instructor. The class visits many places of interest during the year. Laboratory work accompanies each course. Text: Lynde's "Physics of the Household."

HOUSEHOLD PHYSICS I. *One-half unit credit.*

First Semester.

Light, heat and sound, in their relation to the home. The construction, operation and efficiency of steam cookers, fireless cookers, water heaters, vacuum bottles, refrigerators and as many other appliances as possible are studied under the subject of heat. Light and sound are treated in a similar way.

HOUSEHOLD PHYSICS II. *One-half unit credit.*

Second Semester.

Magnetism, electricity and mechanics practically applied. A study of carbon and tungsten lamps, many heating and cooking utensils, door-bells, telephones, burglar alarms, meters and a large number of mechanical devices constitute this course.

Physiology.

Mr. VAN VORIS.

HYGIENE PHYSIOLOGY. *One-half unit credit.*

Summer Term, and each Semester.

A good working knowledge of anatomy and physiology is given the student, but special emphasis is placed upon hygiene in all its phases. The pupil is taught those conditions that tend to the best development and health. To this end the subjects of food, circulation, respiration, excretion, exercise, athletics, etc., are considered

with special reference to the needs of the individual. The cause, prevention and treatment of the more common diseases are quite fully treated. The aim of this course is to enable the pupil to care for his body properly rather than to commit to memory a large number of technical terms or even to be able to write a specified number of rules of health. Conn and Budington's *Advanced Physiology and Hygiene*.

Psychology.

Professor CAROTHERS.

ELEMENTARY PSYCHOLOGY. *One-half unit credit.*

Summer Term, and each Semester.

Psychology is taught from the point of view of the intending teacher, and as many as possible of the illustrations and applications of the various subjects discussed are drawn from the schoolroom and its problems. Pupils are asked always to draw their illustrations from their own experience, and to test and prove whether or not the deductions of the author studied are correct. Frequent practice in introspection is given. Text: Phillips: *An Elementary Psychology*.

School Administration.

Professor CULTER.

GRADES SCHOOL MANAGEMENT. *One-half unit credit.*

Summer Term, and each Semester.

This course will be open to students of the Secondary School who have had two or more years of experience as teachers in rural or graded schools, and to such students only. It will be conducted as a rapidly moving class. While this will be a general course, considering the work in both graded and ungraded schools, the emphasis will be placed on conditions as found in the village and small city school. Colgrove's *The Teacher and the School* will be used as a textbook.

RURAL-SCHOOL METHODS AND MANAGEMENT. *One-half unit credit.*

Summer Term, and each Semester.

This course is organized for Secondary School students who expect to do more or less teaching before entering their college work. It consists of a study of school site and grounds, house and equipment, school hygiene and sanitation, preparation and personality of the teacher, first day, daily program, play and playgrounds, school government, school incentive, school ethics, the recitation, how to study, library and its use, agriculture in the country school, consolidation and rural-school problems.

SUMMARY OF STUDENTS.

THE COLLEGE.

* Summer School Students of 1916.

GRADUATE STUDENTS.

- * Alleman, H. O.; Thayer.
- * Becker, Earl; Emporia.
- * Bigger, Edward; Burlingame.
- * Bixler, Mrs. W. S.; Emporia.
- * Blakely, Myrtle; Emporia.
- * Bodle, Marjorie; Meade.
- * Booker, Della M.; *Houston, Tex.*
- * Brooks, E. Hamilton; Emporia.
- * Camblin, E. J.; Liberal.
- * Cook, Harriet; Emporia.
- * Curtis, E. P.; Ransom.
- * Crosswhite, William T.; Parker.
- * Dresbach, Florence M.; Hutchinson.
- * Elliott, Ural B.; Garnett.
- * Evans, Gregg M.; Emporia.
- * Fairchild, Charles; Emporia.
- * Felter, Elmina A.; Emporia.
- * Forde, Mary E.; Emporia.
- * Frankenberger, Donald; Emporia.
- * Frederickson, Otto F.; Allen.
- * George, William H.; Emporia.
- * Greer, Mary E.; *Kansas City, Mo.*
- * Hall, Nellie; Emporia.
- * Hartenbower, Vera; Douglass.
- * Haynes, Helen; Emporia.
- * Haynes, Mabel; Emporia.
- * Hester, Edna A.; Burr Oak.
- * Hildebrand, Bertha; Wichita.
- * Hinkle, Elmer D.; *Wilmore, Ky.*
- * Howard, Mary G.; Emporia.
- * Jones, Albert J.; Yates Center.
- * Lunden, Belle; Salina.
- * Lunden, Mina; Salina.
- * Markley, Raymond; Belle Plaine.
- * Mauck, Gladys; Emporia.
- * Minner, Claude B.; Soldier.
- * Molesworth, Fred L.; Emporia.
- * Moore, Webster C.; Thayer.
- * Nanninga, Simon P.; Emporia.
- * Palmer, Florence; Hope.
- * Parke, Marian; Emporia.
- * Pierce, May; Emporia.
- * Rogers, Neil W.; Oberlin.
- * Schlagle, Leslie; Wolcott.
- * Seltzer, Margaret; *Kansas City, Mo.*
- * Shillington, Jessie; Emporia.
- * Soper, Laura D.; *Wichita Falls, Tex.*
- * Spencer, Anna Ruth; Emporia.
- * Stewart, Hinda Jane; Stafford.
- * Stewart, Margaret; Sterling.
- * Swan, Mary C.; Emporia.
- * Templeton, Margaret; Emporia.
- * Thomas, Nannie; Home.
- * Vestal, Dorothy; Emporia.
- * Weatherly, Mrs. Josephine; Emporia.
- * West, Lela L.; Emporia.
- * Whitby, Lillian; Emporia.
- * Wiley, Geneva; Emporia.

COMPLETED WORK FOR B. S. DEGREE, JULY 28, 1916.

- Alsop, Inez; Wakefield.
- Allen, George A., jr.; Sabetha.
- Baker, Annie Florence; Topeka.
- Brock, Edythe; Nortonville.
- Coleman, Eunice; Emporia.
- Correll, Effie; Americus.
- Cowell, Carolyn; Clay Center.
- Culbertson, James H.; Welda.
- Cross, Maude; Emporia.
- Ellis, Cora; Merriam.
- Faidley, Jennie; Broughton.
- Foster, Cornelius; Emporia.
- Hail, Ruth; Emporia.
- Hall, Nellie; Emporia.
- Hall, Nora; McPherson.
- Hoffman, Mabel; Reece.
- Holroyd, Ina E.; Manhattan.
- King, Adelaide; Junction City.
- Kitchen, Claude; Emporia.
- Lock, Chlora Faye; Emporia.
- Lyness, Arthur; Walnut.
- Mileham, Zillah; Newton.
- Moore, Webster C.; Emporia.
- Morrison, Roy L.; Emporia.
- Mullarkey, Ethelwyne; Glasco.
- Myers, Launah; Minneola.
- Nanninga, Carrie; Emporia.
- Nelson, Martin V. B.; Tully.
- Patton, Fannie; Topeka.
- Prather, Nelle; Ashland.
- Rich, Elsie R.; Emporia.
- Rogers, Alice; Emporia.
- Rosecrants, Ola Grace; Wichita.
- Senter, Andrew F.; Great Bend.
- Sexton, Lucile; Severy.
- Stevenson, Edmund J.; *Collinsville, Okla.*
- Stiles, Ethel; Crestline.
- Strawman, Jennie; Emporia.
- Taylor, Bernice; Sedgwick.
- Thompson, Clare C.; Moran.
- Wade, Adah; Emporia.
- Walker, E. A.; Toronto.
- Walters, Fred C.; Iola.
- Weatherly, Mrs. Josephine; Emporia.
- White, Washington Powers; Le Roy.
- Williams, Birdie; Osawatomie.
- Williams, Mary; Emporia.
- Ruble, Mary Margaret; ———

COLLEGE SENIORS.

CANDIDATES FOR B. S. DEGREES, MAY 30, 1917.

- Berger, Leal D.; Wilson.
- Carr, Clara May; Liberal.
- Cellars, Esme; Chetopa.
- Countrymen, S. E.; Garfield.
- Cullison, Lenore; Emporia.
- Davis, Mary Estella; Nickerson.

COLLEGE SENIORS—Continued.

Downing, Myrtle; Little River.
 Dunsworth, John; Emporia.
 Franz, Ida M.; Rozel.
 Greenawalt, Mary F.; Princeton.
 Ireland, Ethel; Emporia.
 Jeremy, Helen Ruth; Emporia.
 Jimison, Brunetta; Stafford.
 Jones, Agnes H.; Sedgwick.
 Jones, Elizabeth Ellen; Emporia.
 Kenney, Marian Frances; Topeka.
 Lewis, Edwin A.; Emporia.
 Lockhart, Myrtle; Humboldt.
 Lockman, Cloudsley M.; Dodge City.
 McFarlan, Lee H.; Parsons.
 Meairs, Clifford; Dodge City.
 Melbert, Setha; Gypsum.
 Meuser, M. Louise; Paola.
 Miller, Fred C.; Lehigh.
 Monypenny, William; Hartford.
 Moore, Amy Irene; Gardner.
 Mullinix, Geraldine; Burlington.

Myers, Oliver P. H.; Emporia.
 Nemecheck, Lillie M.; Abilene.
 Osborne, Mrs. Elizabeth; St. John.
 Parks, Grace Margaret; Topeka.
 Pickett, Alma L.; Emporia.
 Rees, Mary Jane; Emporia.
 Riggs, Janet Wood; Murdock.
 Schlegel, Julia; Fort Scott.
 Shuey, Ethel Mary; Emporia.
 Smith, Sam J.; Florence.
 South, F. Jay; Emporia.
 South, Mrs. Verda; Emporia.
 Starkey, Ray; Kingman.
 Stephens, Mrs. Myrtle C.; Emporia.
 Throckmorton, Alice; Le Roy.
 Treadway, Florence; Emporia.
 Townsend, Janie; Girard.
 Van Patten, Harry O.; Washington.
 Weber, Charles; Waterville.
 Wishard, Ula; Emporia.
 Woodruff, A. E.; Clyde.

CANDIDATES FOR B. S. DEGREE, JULY 27, 1917.

Bement, May E.; Winfield.
 Bergman, Frank V.; Emporia.
 Berner, Jouetta; Wamego.
 Borrer, John Harrison; Westphalia.
 Bradfield, Le Roy; Attica.
 Brock, E. G.; Leon.
 Cole, Richard E.; Emporia.
 DeVoss, Lewis Earl; Emporia.
 Gepharte, Esden E.; Emporia.
 Grove, Leila M.; Edna.
 Hall, Clifford; Emporia.
 Henderson, Clara Gladys; Meriden.
 Hogue, William H.; Leon.
 Hunsaker, Lucy; Atlanta.
 Kappelman, G. Benjamin; Morganville.

Kralochvil, Emil; Clay Center.
 Luehring, Herman W.; Hanover.
 McCollum, Beatrice; Santa Fe.
 McGrath, Alice; Waverly.
 McIntosh, Benjamin Harrison; Lost Springs.
 Moyer, Bertha Mary; Grenola.
 Payne, John Howard; Emporia.
 Perkins, Glen O.; Meade.
 Reser, Antoinette; Bigelow.
 Roberts, Maude E.; Williamsburg.
 Simpson, Margery; Attica.
 Smith, Helen Margaretta; Lincoln.
 Socolofsky, A. L.; Tampa.
 Traxler, Edwin C.; Emporia.
 Wiles, Jennie M.; Canton.

COLLEGE SENIORS NOT COMPLETING WORK FOR B. S. DEGREE.

Armstead, Lucile; Emporia.
 *Barr, Erna; Diamond Springs.
 *Bartlett, Glenn C.; Belle Plaine.
 *Baustian, Henry F.; Lucas.
 *Bixby, Bessie; Osawatimie.
 *Blakely, Georgiana; Emporia.
 *Breneman, John; Hoyt.
 *Buffon, Edmund; Pawhattan.
 *Calloway, Arthur; Derby.
 *Cox, Pearl; Wichita.
 *Crowley, Esther May; Lawrence.
 *Dewey, Delmer; Chanute.
 *Edmonds, Leslie; Ottawa.
 *Furbeyre, Vincente; *Dumazette, P. I.*
 *Hancock, Ella May; Emporia.
 *Hanscome, Marcella; Lawrence.
 *Henline, Lottie; Arkalon.
 *Hopkins, Jessie; Lawrence.
 *Howard, Hazel; Emporia.
 *Howell, William D., Jr.; Havana.
 *Hutcherson, Rose; Arnold.
 *Johnsmeyer, Vera Louise; Riley.
 *Jones, Helen T.; Hill City.
 *Kinley, Eva; Topeka.
 *Kirby, Samuel S.; Emporia.
 *Layne, Gail Frances; Wichita.
 *Lightbody, Ernest; Corning.
 *Lindsay, Marquis; Emporia.
 *McDowell, Sadie; Emporia.
 *McGuire, Harry; Valley Falls.

Major, Ruth; Medicine Lodge.
 *Marlowe, Charles C.; Hartford.
 *Mayberry, Mignon; Emporia.
 *Mealy, Ethel Marie; Emporia.
 *Morton, Flora; Arkansas City.
 *Neel, Ward Leonard; Highland.
 *Nichols, Edna; Kansas City.
 *Noyes, George F.; Kansas City.
 *Owens, Gertrude M.; Topeka.
 *Pace, J. Gage; Mound City.
 *Peterson, Laura V.; Randolph.
 *Rearick, Vida V.; Altoona.
 *Render, Tillie N.; Powhattan.
 *Riesen, Helene; Hillsboro.
 *Rothrock, Reba; Culver.
 *Sloan, James C.; Eskridge.
 *Smith, Gailord E.; Florence.
 *Smith, Lida May; Emporia.
 *Smith, Orra Melville; Lakin.
 *Strawman, Mabel; Emporia.
 *Sutcliffe, Robert M.; Portis.
 *Tidd, Mrs. George W.; Emporia.
 *Ward, Cora Voy; Arkansas City.
 *Watson, Nellie M.; *Alva, Okla.*
 *Welch, Francis G.; Hartford.
 *Williams, Frank T.; Medicine Lodge.
 *Williams, Mary; Hutchinson.
 *Wilson, Mrs. Lenore; Emporia.
 *Wooster, David T.; Emporia.

COLLEGE JUNIORS.

Abrams, Dorothy; Emporia.
 *Allen, Mary B.; Kingman.
 *Armour, Isa; Strong City.
 *Armstrong, Eva M.; Wathena.

*Arnold, Francis H.; Emporia.
 *Atherton, Sarah Anne; Emporia.
 *Atkeson, George L.; Altoona.
 *Austin, Grace B.; *Perry, Okla.*

COLLEGE JUNIORS—Continued.

- Ayers, Beulah; Horton.
 Babcock, Julia; Neosho Falls.
 *Bachman, George P.; Halstead.
 Barber, Austin B.; Pleasanton.
 *Barker, Katherine E.; Topeka.
 *Bingham, Beatrice; Wichita.
 *Bishop, Hazel; Emporia.
 Black, Mrs. Lena B.; Emporia.
 *Blaisdale, Edith; Paola.
 *Bonwell, Gladys; Emporia.
 *Booker, Lucy B.; *Houston, Tex.*
 *Bowman, M. E.; Benedict.
 *Bradshaw, Edward; Altoona.
 Breed, Lucy; Emporia.
 *Breneman, Theda; Emporia.
 *Brooks, Sarah; Salina.
 Brown, L. Earl; Attica.
 Brown, Elizabeth; Emporia.
 *Brown, Harry Holmes; Piqua.
 Brown, Sara E.; Caldwell.
 Brownell, Mrs. Helena; Emporia.
 Bryan, Earl C.; Moran.
 *Buck, Andy E.; Emporia.
 *Buck, Helen; Mullinville.
 *Burkey, Hazel; Hazelton.
 Burkholder, Lucile; Marion.
 Bursch, Charles W.; Buffalo.
 *Caldwell, Merle; Moran.
 *Call, Louetta C.; Emporia.
 *Campbell, Edith; Mulvane.
 *Cannon, John L.; Beattie.
 Carle, Rose; Neosho Rapids.
 *Carter, Elsie M.; Emporia.
 *Chaney, Leontine; Burlington.
 *Clarke, Mary S.; Clay Center.
 Coleman, Edna; Emporia.
 *Coleman, J. Sidney; Emporia.
 Cox, Charlotte; Emporia.
 *Cox, Solon G.; Wichita.
 *Cromley, Kate; Mulvane.
 Culter, Harold; Emporia.
 *Cunningham, Eva; Strong City.
 Cunningham, Mary; Topeka.
 *Curtis, Frank Henry; Ransom.
 *Daniel, Orpha; Emporia.
 Davis, Mrs. Alida; Douglass.
 *Davis, Nannie L.; Clearwater.
 Davis, Olive L.; La Cygne.
 Davis, Rex; Spearville.
 *De Forest, Augusta; Wetmore.
 *Dickason, Essie M.; Emporia.
 Dilsaver, Fannie; Athol.
 *Dixon, John A.; Leon.
 Dixon, Nellie May; Leon.
 Dunn, Perry K.; Jetmore.
 *Eakes, Alice; Caney.
 *Eastman, Nellie; Emporia.
 *Edgerton, Louise; Burlingame.
 *Edwards, Anna Elizabeth; Emporia.
 Eggleston, Mary; Leavenworth.
 Ellenberger, Doris; Emporia.
 *Ellenberger, Lena; Emporia.
 *Ellis, Marguerite Maxine; Cherryvale.
 *Ellis, Vada Evelyn; Cherryvale.
 *Elvin, Cora; Toronto.
 *Englund, William; Garden City.
 *Fagan, Elizabeth; Reading.
 Fagan, Margaret; Reading.
 Farnsworth, Nellie; Portis.
 *Fawcett, Vera E.; Norton.
 *Felker, Preston R.; Hoyt.
 *Ferguson, Lu E.; Emporia.
 *Filing, Charles Joe; Cuba.
 Fitts, Iona; Reading.
 *Flory, Ruth; Howard.
 *Focht, Ralph; Emporia.
 Fox, Eva; Emporia.
 Frazer, William R.; Marion.
 *Fritz, Ethel E.; Circleville.
 *Froom, Hulda Olive; Vermilion.
 *Gallagher, Winifred; *St. Joseph, Mo.*
 Gambill, Kathryn Lee; McCune.
 Garrison, Arthur; Waverly.
 George, Mary; Emporia.
 Gerber, Claus C.; Meriden.
 *Geyer, Leo E.; Wetmore.
 *Gift, Mary Alice; Smith Center.
 Goessy, Ineze G.; Americus.
 *Goock, Frank L.; Conway Springs.
 Goodell, Theresa; Colony.
 Gower, Marie; Russell.
 *Grady, Mary; Lansing.
 Graves, Johnie Mae; Elk City.
 Green, Roy V.; Le Roy.
 *Hall, Thomas Newton; Emporia.
 Hamilton, George Edward; Cottonwood Falls.
 *Hanev, Kathryn; Fontana.
 *Hankins, Mamie; Chetopa.
 Hargiss, Mead T.; Pittsburg.
 Harper, Bertha; La Harpe.
 *Harris, Le Roy; Eudora.
 *Harris, Lucile; Emporia.
 *Harris, O. R.; *Tonkawa, Okla.*
 Hasper, Elizabeth; Emporia.
 *Hatfield, Otha; Belle Plaine.
 *Haury, Harry; Moundridge.
 Hay, Louis; Eskridge.
 Haynes, John W.; Emporia.
 Haynes, Marie; Emporia.
 *Havens, Vivian; Thayer.
 Hetherington, J. Arthur; Emporia.
 Hatzel, Arthur; Emporia.
 *Highleyman, Gertrude; Kansas City.
 *Hopkins, Grace; Emporia.
 Hostetler, Ivan P.; Wetmore.
 *Hothan, Mary Louise; Lyndon.
 *Houston, M. Ona; Potwin.
 *Houston, Eula; Potwin.
 *Houts, Grace; Hiawatha.
 *Humble, Emma; Topeka.
 *Hunt, Roy C.; Narka.
 *Hunt, Walter T.; Galesburg.
 Hunter, Myrtle C.; Emporia.
 Irwin, Gayl L.; Lawrence.
 James, Harry; Hartford.
 *Johnson, Elizabeth A.; Emporia.
 *Johnston, Belle; Wichita.
 *Jones, Cora Belle; Emporia.
 Jones, Esther M.; Emporia.
 *Jones, Helen V.; Emporia.
 *Jones, Iowa; Beattie.
 *Jones, Iva Pearl; Emporia.
 Kaiser, Karl W.; Halstead.
 Kappelman, Otto; Linn.
 Kesler, Charles E.; Overbrook.
 *King, Oda Mey; Emporia.
 *Kirby, Leslie N.; Humboldt.
 *Koebele, Apollonia; Burns.
 *Lanning, George B.; Emporia.
 *Largent, Martha; Quenemo.
 *Lauver, Dee S.; Nickerson.
 *Lee, Hugh; Louisburg.
 *Lehman, Adin F.; Humboldt.
 *Leighty, Robert; Emporia.
 *Lewis, Arthur; Emporia.
 *Lewis, Sarah; *Aransas Pass, Tex.*
 *Linger, Mrs. Ethel Officer; Emporia.
 Lishesky, Lena; Ellinwood.
 Lore, Marjorie; Emporia.
 *Lowther, Kathlenn; Emporia.
 Lupp, Bessie J.; Caney.
 Lynd, Lloyd; Emporia.
 *Lyness, Fred H.; Neosho Rapids.
 McConnell, Donald A.; Council Grove.

COLLEGE JUNIORS—Continued.

- * McConnell, William W.; Council Grove.
 * McCrory, Maurice; Emporia.
 * McDowell, Ruth; Emporia.
 * McGill, Belle; Colony.
 * McIntosh, Joseph; Lost Springs.
 * McNeil, Floyd; Beattie.
 * Maroonney, Mrs. Anna; Emporia.
 * Martin, Harry C.; Chanute.
 * Martin, William H.; Wright.
 * Massey, Mary Ellen; Baldwin.
 * Maule, Blanche; Emporia.
 * Maxey, Van Kirk; Emporia.
 * Maxson, Mae; Emporia.
 * Mellinger, Mamie D.; Neosho Rapids.
 * Menehan, John; Beattie.
 * Merryman, Jennie F.; Topeka.
 * Mesmer, Helen; Emporia.
 * Messick, Arthur; Topeka.
 * Mester, Hazel; Emporia.
 * Miller, Ramona; Council Grove.
 * Mitchell, Goldie; Brookville.
 * Moore, Wilmie; Gardner.
 * Morgan, Elizabeth H.; Emporia.
 * Nanninga, Kathryn; Emporia.
 * Nesbitt, Susie; Burlington.
 * O'Connell, William V.; Belle Plaine.
 * Oettinger, Edna M.; Kansas City.
 * Ogg, Esther E.; Ottawa.
 * Oyler, Philip Edward; Lyndon.
 * Palmateer, Lorena; Clay Center.
 * Parke, Dorothy; Emporia.
 * Paterson, Mary Viola; Yates Center.
 * Patterson, Howard V.; Emporia.
 * Patton, Bertha; Sterling.
 * Payne, Dorothy; Emporia.
 * Pelzell, Pansy; Harper.
 * Pennington, Thomas J.; *Fristoe, Mo.*
 * Perry, Bessie E.; Hartford.
 * Peters, Shirley; Bushong.
 * Portwood, Bruce; Belle Plaine.
 * Pottorff, Minnie; Severy.
 * Purdy, Leslie; Fairview.
 * Putman, Mrs. Harriet; Winfield.
 * Pyle, Fern; Emporia.
 * Quinn, Josephine; Elwood.
 * Ramage, Allison; Pampa.
 * Rankin, Louisa E.; Emporia.
 * Reed, Mabel; Waterville.
 * Rees, Edith King; Downs.
 * Rees, Olive; Emporia.
 * Rice, Merton N.; Marion.
 * Rich, Birdie L.; Emporia.
 * Richards, Marvin; Severy.
 * Richey, Charles; Emporia.
 * Riggs, Nina B.; Murdock.
 * Riley, A. L.; Wellsville.
 * Rioth, Marie; *Shawnee, Okla.*
 * Robertson, Ada Sarah; Caldwell.
 * Robinson, Edith; *Nebraska City, Neb.*
 * Rogler, Emily; Cottonwood Falls.
 * Root, Esther L.; Olathe.
 * Ross, Evelyn; Emporia.
 * Rowland, Mabel; Whitewater.
 * Rowland, Rhoda; Emporia.
 * Rundus, Amos J.; Munden.
 * Rundus, Benj.; Munden.
 * Samuelson, Edith A.; Axtell.
 * Shemwell, Clifford; Norton.
 * Shippy, Lina; Chapman.
 * Showers, Mary E.; Neosho Rapids.
 * Slater, Virginia Faye; Severy.
 * Shupe, Eldon E.; Lost Springs.
 * Sloan, Jennie A.; Zenda.
 * Smith, C. O.; Marysville.
 * Smith, Glen W.; Washington.
 * Smith, Pearl L.; Horton.
 * Snyder, Clara; Soldier.
 * Socolofsky, A. L.; Tampa.
 * Sparks, Lillian; Wichita.
 * Speer, Sarah E.; Clements.
 * Stanfield, James E.; Chanute.
 * Stevens, E. R.; Parsons.
 * Stevens, Nora K.; Emporia.
 * Stilwell, Helen; Eureka.
 * Stines, Edna Mae; Yates Center.
 * Stock, George B.; Hope.
 * Straight, Mary E.; Emporia.
 * Summers, Alpha; Leonardville.
 * Switzer, Ethel G.; Emporia.
 * Taylor, Elizabeth; Sedgwick.
 * Templer, Chester A.; Emporia.
 * Thompson, Kate; Emporia.
 * Thompson, Mirdena; Emporia.
 * Trusdale, Grace; Emporia.
 * Trusdale, John W.; Oskaloosa.
 * Trustler, Ivan H.; Emporia.
 * Van Sickle, Mrs. Maude C.; Ottawa.
 * Wachter, Mary; Emporia.
 * Wagener, Bertha; Narka.
 * Ward, Vannie; Emporia.
 * Watkins, Ethel May; Mont Ida.
 * Wayland, Julia; Girard.
 * West, Gordon L.; Wichita.
 * Whipple, George; Ottawa.
 * Whitby, Edna; Emporia.
 * White, Carl; Emporia.
 * Wiles, Harry B.; Canton.
 * Wilks, Alice; Emporia.
 * Wilkes, Mabel; Emporia.
 * Williams, Mrs. Alta Skinner; Emporia.
 * Williams, Gladys; Emporia.
 * Wilson, Molly; Emporia.
 * Wilson, Virginia Alice; Emporia.
 * Winston, John Clarence; Lawrence.
 * Withers, Helen; Bronson.
 * Withers, Ruth; Bronson.
 * Wolf, Jonathan A.; Louisburg.
 * Wolfe, Mrs. Carrie R.; Emporia.
 * Woodward, Paul M.; Wichita.
 * Yoder, Jonathan C.; Enterprise.
 * Young, Eva M.; Emporia.
 * Young, Leslie; Emporia.

COLLEGE SOPHOMORES.

- * Adams, Ima; Grenola.
 * Adamson, Ethel A.; Erie.
 * Adamson, Virginia; Erie.
 * Akers, Neale; Emporia.
 * Alexander, Blanche; Garnett.
 * Alsop, Ethlyn; Wakefield.
 * Altenread, Howard; Haven.
 * Andress, Gladys; Larned.
 * Andrews, Madge; Coffeyville.
 * Arbuthnot, Mary C.; Belleville.
 * Archer, Helen; Centralia.
 * Armour, Zeda; Strong City.
 * Armour, Zedna; Strong City.
 * Arnold, William Proctor; Girard.
 * Asling, Eli. S.; Junction City.
 * Aten, Mary; Dodge City.
 * Austenfeld, Bertha; Emporia.
 * Balsmier, Selma; Enterprise.
 * Baptist, Leona; Emporia.
 * Barackman, Ruth; Howard.
 * Barnes, C. C.; Emporia.
 * Barrigair, Maude; Fredonia.
 * Bartlett, Jessie V.; Topeka.
 * Beatty, Beryl; Linn.
 * Becker, Paul; Emporia.
 * Bender, Ina M.; Emporia.

COLLEGE SOPHOMORES—Continued.

- Bentley, Beatrice; Hamilton.
 Bereman, William Everett; Erickson.
 Betts, Helen Mae; Olathe.
 Bieberdorf, Lydia; *Orlando, Okla.*
 Bird, Sarah Ella; Haviland.
 Bishop, Verna; Emporia.
 Bittel, Pauline; Clifton.
 Bitzer, Gladys V.; Topeka.
 Bixler, Orville; Emporia.
 Black, Georgia; El Dorado.
 Blank, Helen; Emporia.
 Blue, Mrs. Maude; Canton.
 Bolen, Charlotte; Le Roy.
 Bollinger, Mildred; *Marshfield, Mo.*
 Bolton, Josephine; Burlingame.
 Bonewitz, Maude; Meriden.
 Bonwell, Stella; Emporia.
 Boughton, Helen V.; Emporia.
 Boughton, Nellie E.; Emporia.
 Bowman, Ethel; Garden City.
 Brackett, Mary J.; Jewell.
 Bradley, Edith; Norcatur.
 Bradshaw, Clara B.; Altoona.
 Bradshaw, Harriet; Washington.
 Braun, Veronika; Perth.
 Bridges, Thyra; Topeka.
 Briggs, Jennie Esther; Sedan.
 Britton, Logan; *Wheatland, Mo.*
 Brodine, Josephine; Smolan.
 Brogan, Catherine; Hartford.
 Broughton, Irene; Emporia.
 Brown, Ada M.; Lebanon.
 Brown, Beth; Girard.
 Brown, Clara L.; Osage City.
 Burchfield, Hazel; Highland.
 Burger, Lola; Seneca.
 Burnev, Carrie L.; Hutchinson.
 Burroughs, Victoria; Salina.
 Bursch, Mrs. Ruby; Andale.
 Butterfield, Lola Ruth; Mulvane.
 Byerly, Elizabeth; Fredonia.
 Caldwell, Bess; Moran.
 Carlile, A. B.; Mound City.
 Carlile, Edith; Emporia.
 Carlin, Mary A.; Salina.
 Carr, Margaret M.; Leavenworth.
 Carter, Mary S.; Minneola.
 Chandler, Mary E.; Kincaid.
 Carter, Walter A.; Coffeyville.
 Cates, Gladys; Gas.
 Chanler, Mary E.; Kincaid.
 Chaney, Helen; Burlington.
 Christensen, Oscar C.; Lost Springs.
 Clark, Lillian; Holton.
 Clements, Floyd; Emporia.
 Clements, Ora; Emporia.
 Coe, Helen Ruth; Topeka.
 Colyer, Clyde R.; Belpre.
 Cone, Myrl A.; Larned.
 Conner, Stanley; Lincoln.
 Conrad, Effie; McPherson.
 Conroy, Susan P.; Manhattan.
 Cooper, James Bostick; Kansas City.
 Cooper, Paul; Emporia.
 Copeland, Helen; Quenemo.
 Corder, Aetna F.; Powhattan.
 Cowley, Hazel Katherine; Cottonwood Falls.
 Cox, Emma J.; Burlingame.
 Craft, Mrs. Mabel; Chanute.
 Crandall, Mae; Seneca.
 Craven, Emma L.; Summerfield.
 Crawford, Vivian O.; Stafford.
 Cremer, Raymond G.; *Kansas City, Mo.*
 Cromer, Etta Florence; Vandalia.
 Cronmeyer, Bernice; Tonganoxie.
 Cross, Clarence L.; Emporia.
 Cross, Ethel; Emporia.
 Cross, Guy F.; Winfield.
 Cross, Coe; Reading.
 Currens, Olive; Eskridge.
 Dahm, Anna; Great Bend.
 Dalke, Mary R.; Hillsboro.
 Damerell, Cartie; Emporia.
 Davis, Alice Irene; Salina.
 Davison, Leroy; Tribune.
 Davison, Orpha; Tribune.
 Delander, Clara; Kinsley.
 Denny, Etta A.; Burlingame.
 Dent, Carl E.; Council Grove.
 Devore, Earl E.; Cuba.
 De Young, Ruth; Emporia.
 Dilly, Marjorie; Alta Vista.
 Ditmars, Thomas; Winfield.
 Dix, Mary M.; Newton.
 Dorsey, Florence A.; Parsons.
 Doty, Frances A.; Sedgwick.
 Doverspike, Mary; Alta Vista.
 Doyle, Ruth; Emporia.
 Doyle, Angela; Emporia.
 Dubbs, Alice; Ransom.
 Duer, Myrtle; Zenith.
 Dunfield, Homer Roy; Lebo.
 Duty, A. G.; Le Roy.
 Eaton, Hazel; Erie.
 Eaton, Myrtle; Topeka.
 Edwards, Hugh; Emporia.
 Edwards, Mildred; Emporia.
 Egbert, Charlotte; Ness City.
 Elcock, Ruth Alice; Wichita.
 Elliott, Mary Edna; Pretty Prairie.
 Ellis, Sybil; Emporia.
 Evans, Florence Edith; Emporia.
 Feather, Mildred; Liberal.
 Feather, Marguerite; Liberal.
 Finnerty, James; Hartford.
 Fitzpatrick, Helen M.; Salina.
 Fleming, Irene E.; Emporia.
 Fleming, J. Louise; Summerfield.
 Fletcher, William B.; Cawker City.
 Floyd, Bessye; Emporia.
 Forman, Elizabeth Ann; Independence.
 Frame, Dorothea E.; Kansas City.
 Friend, Sudie; Emporia.
 Friesen, H. E.; Hillsboro.
 Frisbie, Bessie Mary; Plainville.
 Frisbie, Fannie L.; Plainville.
 Frith, Mary McDonald; Emporia.
 Froom, Clara; Vermillion.
 Fruit, Mattie L.; Great Bend.
 Fuller, Clara M.; Osawatimie.
 Fuller, Mary McCrea; Eudora.
 Fullerton, Anna May; Altus.
 Fulmer, Alice Ione; Cherryvale.
 Gall, Vida B.; Topeka.
 Gay, Katie B.; Stafford.
 Gee, Willis T.; Emporia.
 George, Elizabeth; Lebo.
 Gepharte, Anna L.; Emporia.
 Gepharte, Jessie; Emporia.
 German, Frank C.; Mapleton.
 Gibbs, Esther; Forest Lake.
 Gibson, Everett A.; Gaylord.
 Giffin, Fred R.; Centerville.
 Girard, Laura; Morganville.
 Gist, Tippia; Bushong.
 Glasse, Mrs. Blanche; Fredonia.
 Glenn, Louise M.; Kiowa.
 Godsey, Edith; Emporia.
 Good, Anna; Emporia.
 Gordon, Clarence A.; Admire.
 Graham, Inez; Neodesha.
 Gravatt, Roy; Emporia.

COLLEGE SOPHOMORES—Continued.

- *Greever, Edna; Lansing.
- Gregory, Norma Lydora; Lyons.
- Griffith, Bernice; Emporia.
- Grimsley, Bernice; Emporia.
- *Gumm, W. I.; Windom.
- *Gunsaulius, Marie; Fort Scott.
- Hagenmaster, Ruth; Stafford.
- Hall, Mrs. Mary J.; Emporia.
- Hamilton, La Rue; Little River.
- Hammel, Myrtle E.; Palmer.
- *Hampshire, Levi W.; Garnett.
- *Hanselman, Dorothy; Burton.
- Harper, Mary E.; Frankfort.
- *Harr, Mabel; Emporia.
- Harris, William L.; Marion.
- *Hasper, Dorothy Mae; Emporia.
- Hawkins, Eunice L.; Mound City.
- *Hawley, Iva Blanche; Clay Center.
- Hayes, Genevieve; Oswego.
- *Haywood, Nettie M.; Fowler.
- Heck, Mary H.; Emporia.
- Helfinstine, Velma; Smith Center.
- Hemphill, Katherine; Wa Keeney.
- Henderson, Leroy M.; Emporia.
- Herndon, Victor E.; Marietta.
- *Hicks, Effie May; Kansas City.
- *Hill, Adele E.; Chapman.
- *Hillerman, Vina; Emporia.
- Hilyard, Treva; Severy.
- *Hinchman, William J.; Emporia.
- *Hirschler, Arthur; Hillsboro.
- Hitchens, Perry T.; Burlington.
- Hoatson, Myrtle; Emporia.
- Hockens, Evalene; Arrington.
- Hodges, Esther; Paola.
- Hodges, Minnie; Emporia.
- Hogue, Charles F.; Leon.
- *Holmes, Glenn; Baldwin.
- Holt, Vernon; Emporia.
- Hoopes, Ethelwynne; Pomona.
- Hosetler, Hollis H.; Solomon.
- *Houts, Blanche; Hiawatha.
- Howe, Charlotte Elizabeth; Emporia.
- *Howell, Nora; Wichita.
- Howell, Ruie A.; Virgil.
- *Howland, J. C.; Emporia.
- *Hoyt, Esther; Reading.
- Hudgins, Maude; Emporia.
- Huffman, Leslie; Garden City.
- *Hughes, John; Dunlap.
- Hulings, Louise B.; Atchison.
- *Humfeld, Daisy B.; Clay Center.
- Hunter, Ethel; Wichita.
- *Hurst, Jennie D.; *Twin Falls, Idaho*.
- Hurt, Dale; Ramona.
- Hurt, Verona; Ramona.
- Hurt, Virgil E.; Americus.
- *Iobe, Marie; Emporia.
- Ivey, Gladys; *Lebanon, Mo.*
- Jarus, Edward; Emporia.
- Jecks, Mary L.; Overbrook.
- *Jensen, Bernard; Emporia.
- Jillson, Helen B.; Emporia.
- Job, Mabel; Wellsville.
- *Johnson, Charles; Emporia.
- Johnson, Weaver; Barnard.
- Jones, Frances H.; Topeka.
- Jones, Hazel Delight; Emporia.
- Jones, Hone Dean; Hill City.
- Jones, Philip A.; Chanute.
- Jordan, Adeline; Kansas City.
- Kane, Mable; Parsons.
- Kemp, Gladys; Emporia.
- *Kennedy, Sadie; Kenneth.
- *Kerns, Grace E.; Seneca.
- Kimble, Herman; Liberal.
- *Kimble, Jennie L.; Carbondale.
- *King, Edna F.; Emporia.
- Kirchner, Arthur E.; Baldwin.
- Kiser, Hazel; Udall.
- *Kjellin, Alice Marie; Garrison.
- *Klein, Max; Glasco.
- *Knight, Thora Blanche; Emporia.
- *Knoll, Vera; Severy.
- Knoll, Vesta; Severy.
- Kohler, Helen; La Harpe.
- Kolstrup, Glenn; Fall River.
- *Kretsinger, Violet; Emporia.
- *Kroeker, Mary; Cheney.
- *Kuhn, Esther Elizabeth; Atchison.
- Kuller, Avis Myra; Emporia.
- Kunz, Homer M.; Emporia.
- Laird, Hazel; Emporia.
- Lancaster, Irma; Ottawa.
- Lanpheer, Kathryn; *Glenbeulah, Wis.*
- Larson, Vivian; Tescott.
- *Layton, Mary Jane; Augusta.
- Lemberger, Olive; Overbrook.
- *Lemon, Goldie; Parker.
- *Leonard, L. Rich; Coldwater.
- Leonard, Winifred; Hutchinson.
- *Lewis, Aileen; Mayetta.
- Lewis, Ben H.; Emporia.
- Lewis, Earl W.; Hoisington.
- Lindsey, Marquis; Emporia.
- Linscheid, Lizzie K.; Arlington.
- *Little, Lovernia; Emporia.
- Litts, Helen; Gas.
- Lloyd, Edith D.; Emporia.
- Lloyd, May; Horton.
- Loether, Arlene M.; Fredonia.
- *Loevenguth, Oscar; Udall.
- Longfellow, Carl; Elk Falls.
- Loveless, Madeline; Emporia.
- Lowderman, Lora May; Garden City.
- Lowe, Helen; Kingman.
- *Lowe, Jessie H.; Kingman.
- *Lundberg, Mabel; McPherson.
- Lyness, Bessie; Walnut.
- Lynn, Frances P.; Valley Falls.
- McAdam, Dunlap; Moran.
- *McCall, Gretchen; Lecompton.
- McCarty, Leona; Emporia.
- *McClun, Blanche; Garnett.
- McClure, Mabel; Emporia.
- McCain, Verna M.; Harper.
- McComb, Mattie A.; Alma.
- *McConnell, Edith; Council Grove.
- *McCord, Walter E.; Emporia.
- McCracken, Jessie E.; Hiawatha.
- *McCreight, Virle; De Graff.
- McEvoy, Helena; Harris.
- *McEvoy, Jociphene; Harris.
- *McGrew, Elinor; Humboldt.
- McLean, Notie; Peabody.
- McPherson, Glenn; Severy.
- McPherson, Christine J.; McPherson.
- *McQuillen, Sophia; Clifton.
- *Mack, Isabel; Wilsey.
- Magnuson, Helen M.; Brookville.
- Maher, Ruth; Osawatomie.
- *Malhorn, Helen; Walnut.
- *Manahan, Ethel; Wellington.
- *Maple, May; Mulvane.
- *Matchett, Mrs. Myrtle I.; Garden City.
- *Matson, Tilla; McPherson.
- *Mayer, Grace; Lakin.
- Meeker, Maude; Cheney.
- *Menehan, Frank; Beattie.
- *Mesmer, Mildred; Emporia.
- Meyer, Bernard A.; Belpre.
- Meyer, Irene; Anthony.
- Mihm, Flora; Emporia.
- Miller, Ellen R.; Lehigh.

COLLEGE SOPHOMORES—*Continued.*

- Miller, Esther Jane; Kansas City.
 * Miller, Ruth Elma; Belle Plain.
 Miller, Zoe Myrtle; Salina.
 * Minner, Ratia May; Soldier.
 * Mitchell, Relle C.; Wellington.
 * Moise, Roena; Ottawa.
 Monroe, Hannah; Emporia.
 * Moore, F. Adaline; Hartford.
 Moore, Bess E.; Chase.
 Moore, Madge; Altoona.
 * Morgan, Edith; Girard.
 Morgan, Marie; Peabody.
 Morine, Frances; Bluff City.
 Morris, Nina; Emporia.
 Morrison, Florence; Stockton.
 Moyer, Gladys M.; Wetmore.
 Muir, Maude; Gridley.
 * Mullins, Ida; Osawatomie.
 Murphy, Marian; Emporia.
 Musick, Rose; Howard.
 Myer, Mrs. Ruth G.; Emporia.
 * Myers, Mary B.; Lawrence.
 Nash, Paul; Baileyville.
 * Naylor, Annabel; Topeka.
 * Neighbors, Woodford; Hutchinson.
 Nelson, Effie M.; Vesper.
 Nemechek, Lulu; Abilene.
 * Newell, Mrs. Lois; Holton.
 * Newlon, Daisy B.; Colony.
 Norton, Mildred; Dodge.
 Oakes, Hermon G.; Marquette.
 * O'Connor, Hanna; Blaine.
 Ogg, Venice; Ottawa.
 Olson, Margaret; White City.
 Olson, Ruth Josephine; Spearville.
 Orsbourne, E. Gladys; Wellsville.
 * Orsbourne, Ethel; Wellsville.
 * Painter, John Leslie; Quenemo.
 * Parker, Lora; Bonner Springs.
 * Parks, Erma; Hutchinson.
 * Pasley, Sadie E.; Sycamore.
 * Patton, Mary E.; Lawrence.
 * Paul, Lenore; Jamestown.
 Payne, Lelah; Topeka.
 Payne, Marguerite; Emporia.
 Pearson, Frank Ed.; Emporia.
 Perkins, Lois; Meade.
 Perrine, Ocie; Emporia.
 Peterson, Helen S.; Kansas City.
 Phillips, Margaret; Herington.
 Pierson, Lola; Emporia.
 Pierson, Marie; Emporia.
 Pinet, Grace; Onaga.
 Pisorius, Grant; South Haven.
 * Poole; Hazel V.; Lowell.
 * Pratt, Elsie; Herington.
 * Price, Ruth; Paola.
 * Prout, Margaret Mary; Topeka.
 * Prowant, Vernie M.; Emporia.
 Pulley, Annie; Leavenworth.
 Pyles, Chloe; Atchison.
 Quisenberry, Faye; Emporia.
 Randels, Alta; Anthony.
 * Raymond, Jesse C.; Haven.
 Raymond, Rollin A.; Centralia.
 * Record, Grace; Chanute.
 Reed, Helen F.; Kinsley.
 Rees, Edward H.; Emporia.
 Rehm, Charles H.; Hutchinson.
 Reichert, Philip; Concordia.
 Reilly, Lola; Iola.
 Reneau, Mary; Florence.
 Reynolds, Icille; Emporia.
 Reynolds, Sadie; Scranton.
 * Rice, Faye L.; Alma.
 Rice, Jessie L.; Silver Lake.
 * Richman, William; Earlton.
 * Ridings, Ola M.; Salina.
 Riley, Jennie E.; Garden City.
 * Rinehart, Charles H.; Arkansas City.
 Robb, Susie; Salina.
 Roberts, Roberta; Emporia.
 Robison, Lillian M.; Carbondale.
 Rogers, China; Manhattan.
 * Rogers, Ethel; McPherson.
 * Rorabaugh, Pearl; Lebanon.
 Rorick, Floyd; Scranton.
 * Ross, Frances; Delphos.
 * Ross, H. Wilbur; Shields.
 Rostetler, Frank; Beattie.
 * Ruble, Esther; La Harpe.
 Rufi, John; Kansas City, Mo.
 Russell, Mary E.; Stafford.
 * Samuelson, Maude; Axtell.
 * Samsom, Mary B.; Lost Springs.
 * Schafer, Anna; Meriden.
 Schaible, Harold; Fairview.
 * Scott, Clarence; Belle Plaine.
 Scott, Elsie; St. John.
 Scott, Harry A.; Parsons.
 Scott, Ruth; Topeka.
 Scovill, Ina A.; Pamona.
 Seaman, Arthur; Axtell.
 * Secrest, Cora C.; Covetta, Okla.
 * SeEVERS, Sarah; St. John.
 * Sexton, Egbert W.; Emporia.
 * Sharp, Jessie; Council Grove.
 Sharp, Lloyd B.; Carbondale.
 * Sharp, John Newton; Carbondale.
 * Shaw, Mary E.; Wichita.
 Shea, Marie; Wichita.
 Shields, Juanita May; Derby.
 Shippy, Elsie; Chapman.
 * Shoff, Hazel; Wichita.
 * Short, Thelma; Salina.
 Shuler, Fred E.; Bucklin.
 * Shumate, Blanche; Eskridge.
 Simmons, Lola; Emporia.
 Simmons, Onnie; Topeka.
 * Sister M. Attracta; Concordia.
 * Sister Crescentia; Concordia.
 Skinner, Julia; Topeka.
 Slaughter, Fay; Topeka.
 * Slocum, Pearl; Ensign.
 * Smiley, Pearl; Silver Lake.
 * Smith, Helen Elizabeth; Independence.
 Smith, Helen Mary; Weatherford, Okla.
 Smith, Henrietta May; Enterprise.
 Smith, Hester A.; Independence.
 Smith, Maurine; Emporia.
 Smith, Merl; Florence.
 Smith, Nina Jane; Howard.
 Smith, Vera Vella; Howard.
 Snider, Harold; Chanute.
 * Snyder, Carl P.; Soldier.
 Sorensen, Andy; Pittsburg.
 * Spencer, Mrs. Elsie; Bonner Springs.
 Stannard, Fay; Emporia.
 * Stark, Leonard J.; Elk City.
 * Stark, M. F.; Elk City.
 * Stark, Willis Orville; Elk City.
 Starkweather, Marie; Lawrence.
 * Starr, Roy W.; Emporia.
 Steinmetz, Esther; Emporia.
 * Stewart, Gladys; Humboldt.
 Stinson, Dale B.; Emporia.
 Stites, W. Lee; Wa Keeney.
 Stiver, Una; Council Grove.
 Stokes, Helen B.; Osawatomie.
 * Stone, Helen Grace; Emporia.
 Stone, Ruby A.; Emporia.
 Stoner, Delenia; Topeka.
 Stout, Elsie Parle; Emporia.
 * Strachan, Margaret; Howard.

COLLEGE SOPHOMORES—*Continued.*

- Strutzel, Martha; Olpe.
 Strutzel, Theresa; Olpe.
 Stibbs, George; Hartford.
 *Swain, Ida Mae; Goodland.
 Swarner, Ruth Catherine; Hartford.
 *Sylvester, Ida; Riley.
 *Taylor, Florence R.; Seneca.
 *Taylor, Gwendolin; Fowler.
 *Taylor, Irene; Atchison.
 Taylor, Ruth Pearl; Chapman.
 Thiele, Amy C.; Washington.
 Thomas, Harry; Emporia.
 Thompson, Ivalue; Wichita.
 *Thomson, Blanche; Girard.
 Tipton, Helen; Parsons.
 *Todd, Sue A.; Leavenworth.
 Tolin, Ernest; Emporia.
 Tolin, Mrs. Olive; Soldier.
 Triplett, Roger; Emporia.
 Unruh, Esther M.; Newton.
 Unruhe, J. Russell; Fall River.
 *Van Horn, Edna; Nortonville.
 Van Vechten, Mary; Topeka.
 Vaughan, Everett J.; Winfield.
 Vaughn, James; Emporia.
 *Vawter, Ruth Edna; Coffeyville.
 Vermilion, Frances; Ransom.
 Vickery, Mrs. Fannie; Emporia.
 *Vincent, Stella A.; Overbrook.
 Waite, Bessie; Emporia.
 Wallace, Byrdie; Augusta.
 Wallace, Lillian; White City.
 Walters, Frank; Bancroft.
 *Warner, Ida Mae; Burlingame.
 *Waterman, Florence; Florence.
 Watson, Gladys; Reading.
 Webster, Guy; Emporia.
 *Weede, Kittie; Summerfield.
 *Welch, Myrtle L.; Haddam.
 Wells, Hazel Grace; Mulvane.
 *Wells, Laura; Emporia.
 Wendel, Ruth M.; Holton.
 *West, Jessie A.; Uniontown.
 *West, Louise; Yates Center.
 *Wheeler, Ethel Louise; Marion.
 *White, Alma; Bentley.
 White, Gertrude; Hutchinson.
 Whitlow, Wayne; Moran.
 Williams, Cappy; Emporia.
 Williams, Mae; Holton.
 Williams, Mary R.; Emporia.
 Willis, Josephine; Wamego.
 Wilson, Marie; Emporia.
 Wode, Marie; Coffeyville.
 *Wood, Ruth Virginia; Anthony.
 Worden, Blanche; Eskridge.
 *Worster, Velma Z.; Greenleaf.
 *Wright, Julia M.; Clay Center.
 Zieber, Warren; Pawnee Rock.

COLLEGE FRESHMEN.

- *Abston, Gladys; Coffeyville.
 *Acker, Bertha Mae; Grenola.
 Acker, Minnie; Annelly.
 *Adams, Dollie; La Harpe.
 Agee, Ethel Violet; Gas.
 Agee, Frank; Gas.
 *Albers, Olga; Chanute.
 Alexander, Minnie; Clay Center.
 *Alford, Mary; St. John.
 *Allen, Anna Martha; Sabetha.
 Allen, Erroll Warren; Morganville.
 *Allen, Grace; Lenexa.
 *Allen, Laura Gladys; Cimarron.
 *Allen, Mary H.; Morganville.
 *Allen, W. Victor; Manhattan.
 *Allis, Mamie; Baldwin.
 *Altman, Elizabeth; Topeka.
 *Anderson, Amy; Iola.
 Anderson, Evangeline; Emporia.
 *Anderson, Irene; Topeka.
 Anderson, John Milton; Gem.
 *Anderson, Lulu; Emporia.
 Anderson, Marguerite; Emporia.
 *Andre, Elsie Mae; Horton.
 *Andrews, Vella V.; Neosho Rapids.
 *Andrews, Garland; Neosho Rapids.
 *Angleton, Kittie; Leon.
 *Archer, Katherine; Montrose, Colo.
 *Archer, Ola Belle; Melvern.
 Ard, Clara; Elsmore.
 Armour, Beth; Sedgwick.
 Armstead, Clara; Emporia.
 Armstead, Marguerite; Emporia.
 *Armstrong, Iva M.; Cherryvale.
 Armstrong, Myrtle; Moran.
 Arnall, Paul; Elk City.
 *Arnold, Lena; Reading.
 Ashman, William; Wamego.
 Atkinson, Janet; Columbus.
 *Aue, Luther; Emporia.
 Austenfeld, Eleanor; Emporia.
 *Austenfeld, Marie R.; Emporia.
 *Bachman, Lydia; Halstead.
 Back, May; Parker.
 *Backe, Mrs. Mollie; Meade.
 *Bacon, Alyce; Emporia.
 *Bagby, Addie E.; Effingham.
 Bailey, Lloyd; Emporia.
 Bailor, Logan; Allen.
 *Baird, Marie; Cassoday.
 *Baker, Eunice Ann; Rogers, Ark.
 *Baker, Gertrude; Emporia.
 Baker, Ralph; Clifton.
 *Balderson, Ruth; Wamego.
 *Banks, Minnie M.; Whiting.
 Baptist, Myrna; Emporia.
 Barben, Clara Marie; Fairview.
 *Barham, Eva L.; Earlton.
 *Barker, Maude; Toronto.
 *Barna, Rose; Marquette.
 Barnes, Rebecca; Emporia.
 Barnett, Gladiola; Atchison.
 *Barrett, Mrs. Grace; Admire.
 *Barrows, Hubert; Clifton.
 Bates, Margaret; Basehor.
 Baugh, Ethel A.; Emporia.
 *Baugh, Lillian; Emporia.
 Beal, Beatrice; Hamilton.
 Beans, Helen Agnes; Whitewater.
 Bear, Mary Lydia; Jefferson.
 *Beard, Ressa Mae; Horton.
 *Beatty, Bird; Robinson.
 *Bechtold, Margaret; Atchison.
 *Beeson, Mary S.; Osawatomie.
 *Behmer, Earl R.; Hamilton.
 *Bennett, Elva Mary; Fort Scott.
 *Benning, Ruth; Atchison.
 Bentz, Anna; Peabody.
 *Bereman, Bessie L.; Nickerson.
 *Berg, Jessie E.; Lawrence.
 *Berg, Margaret; Emporia.
 *Bertrand, H. Golda; Burden.
 Bethel, Vinetta; Emporia.
 *Bettes, Ruth; Independence.
 *Beuchal, Gladys; Madison.
 *Bevan, Lester; Lost Springs.
 *Beyer, Susie; Arrington.
 Bibb, Marie Gunn; Centralia.

COLLEGE FRESHMEN—Continued.

- *Bircket, Harriet M.; Americus.
- *Bixby, Mary; Osawatomie.
- *Blair, Alma L.; Netawaka.
- *Bleakley, Charlotte; Emporia.
- *Blecha, Josephine; Severy.
- *Blim, Mildred A.; Council Grove.
- *Bliss, Lena; Ottawa.
- *Blue, Sallie Inskip; Valley Falls.
- *Blunk, Willis; Galena.
- *Bodle, Mrs. Abbie; Meade.
- *Boese, Whitemina; Hillsboro.
- *Bogle, Mrs. Y. A.; Chahute.
- *Bollen, Beulah; Horton.
- *Bonwell, Muriel; Emporia.
- *Boher, French; Kincaid.
- *Book, Grace Edith; Ramona.
- *Boothe, Harold B.; Andale.
- *Boothe, Ruth Irene; Andale.
- *Boswell, Jennie; Salina.
- *Boucher, Fern I.; Augusta.
- *Bowersock, Anna; Emporia.
- *Bowman, Carl A.; Benedict.
- *Boyd, Ada A.; *Siloam Springs, Ark.*
- *Boyd, Effie; Gas.
- *Boyer, Hazel; Emporia.
- *Boyle, Carmen; Hill City.
- *Braden, Kathryn; Derby.
- *Braden, Maude; Lebanon.
- *Bradley, Gladys E.; Fellsburg.
- *Bradley, Margaret; Parker.
- *Brady, Bertha; Havana.
- *Brandt, Harry; Ramona.
- *Brandt, Paul; Ramona.
- *Breedlove, Alberta; Hutchinson.
- *Breneman, Howard; Hoyt.
- *Brewster, Grace; Thayer.
- *Briggs, Neta; Emporia.
- *Brinker, Rosa B.; Goodland.
- *Britt, Della; Parsons.
- *Britton, Harry; Emporia.
- *Broadus, Geraldine; Leavenworth.
- *Brock, Reta Pearl; Linwood.
- *Broman, Hulda A.; Marquette.
- *Brooks, Blanche I.; Clifton.
- *Brooks, Ole; Salina.
- *Brown, Bernice F.; Holton.
- *Brown, Bertha; Emporia.
- *Brown, Erma; Emporia.
- *Brown, Hazel; Emporia.
- *Brown, Luvenia B.; Topeka.
- *Brown, Maude; Sawyer.
- *Brubaker, Myrtle; Oketo.
- *Bruce, La Vina; Garden City.
- *Bruce, Estella; Hartford.
- *Bruce, Gladys; Hartford.
- *Bryant, Lenora J.; Council Grove.
- *Bryant, Myrtle L.; Perry.
- *Buchanan, Harry S.; Welda.
- *Buchanan, Josephine; Lyndon.
- *Buell, Adine; Emporia.
- *Bunch, Grace; Strong City.
- *Bundy, Mary; Kansas City.
- *Burgard, Josephine; Leavenworth.
- *Burgard, Ruth; Leavenworth.
- *Burgess, Juliette D.; Leavenworth.
- *Burk, Celia; Emporia.
- *Burk, Christina; Ottawa.
- *Burkett, Alta F.; Cedar Vale.
- *Burkey, Artie; Kiowa.
- *Burnett, Ethyl Mae; Kansas City.
- *Burnett, Jessie; Colony.
- *Burnett, Lillian; Glasco.
- *Burnett, Mildred; Glasco.
- *Burns, Bernice; Cedar Vale.
- *Burns, Leslie; Emporia.
- *Burns, Nellie; Emporia.
- *Burns, Lillian; Lawrence.
- *Bursch, James; Buffalo.
- *Burton, Blanche; Fredonia.
- *Busenbark, Connie; Eskridge.
- *Bushey, Ruth; Muscotah.
- *Bybee, Bessie; Garnett.
- *Byler, Twila; Newton.
- *Byrd, Winifred; Emporia.
- *Byrne, Ella; Chapman.
- *Cady, Stella; Pleasanton.
- *Cagle, Edris; *Blackwell, Okla.*
- *Cain, Anna; Beattie.
- *Caldwell, Harold; Moran.
- *Cahoon, Martha E.; Beattie.
- *Calloway, Gladys J.; Blue Rapids.
- *Campbell, Esther J.; Bronson.
- *Campbell, Mabel; Howard.
- *Carden, Marguerite; Meriden.
- *Carey, Leo H.; Emporia.
- *Carico, Alice; Quincy.
- *Carle, Beryl; Neosho Rapids.
- *Carle, Midget; Neosho Rapids.
- *Carls, Bertha Edith; Wakarusa.
- *Carpenter, Florence R.; Girard.
- *Carpenter, Lucile; Burlington.
- *Carr, Maude; Osawatomie.
- *Carroll, Alfred E.; Alma.
- *Carroll, Anna K.; Elwood.
- *Carson, Gladys; Hamilton.
- *Carson, Raymond F.; Hamilton.
- *Carter, Ernest Walter; Garden City.
- *Carter, Ida Estelle; Emporia.
- *Carter, Lora May; Garnett.
- *Carthrae, Faye; Coldwater.
- *Cartwright, Ethel; Elbing.
- *Cash, Lucille; Elle; Augusta.
- *Cashatt, Lesta Maude; Oskaloosa.
- *Cassler, Ivan; Canton.
- *Cather, Beulah; Fowler.
- *Chamberlain, Dola; Sedan.
- *Chambers, Mildred J.; Sedan.
- *Champagne, Reba; Oketo.
- *Chapman, Lillian; Leavenworth.
- *Chappell, Ora; Haddam.
- *Chatterton, Mildred; Burlington.
- *Cheadle, Nellie M.; Woodruff.
- *Cheney, Grace; La Crosse.
- *Cheney, Hazel; La Crosse.
- *Cheney, Ruth; La Crosse.
- *Chilcote, Virdie V.; Carlyle.
- *Christian, Audrey; Emporia.
- *Christensen, Ellis; Lost Springs.
- *Christansen, Mabel; Lincoln.
- *Cibulski, Paul H.; Leoti.
- *Clark, Blanche; Chetopa.
- *Clark, Elsie G.; Lindsborg.
- *Classen, Mattie; Washington.
- *Clay, Verna; Douglass.
- *Cleaton, Ivot; Neosho Rapids.
- *Cleland, Esther; Emporia.
- *Clemings, Blanche A.; Bronson.
- *Clevinger, Olive; Concordia.
- *Cline, Doris; Minneapolis.
- *Cline, Elsie L.; Fredonia.
- *Clogston, Clara; Fall River.
- *Cloud, Nan Marie; Admire.
- *Cloud, Nellie; Winfield.
- *Coats, Anna; Turon.
- *Cochran, Wilma S.; Lakin.
- *Coile, Ralph; Howard.
- *Colbert, Nell A.; Emporia.
- *Cole, Roy; Oskaloosa.
- *Cole, Sadie; Concordia.
- *Coleman, Lloyd; Overbrook.
- *Collins, Clara; Melvern.
- *Collins, Joseph; Kansas City.
- *Collins, Mattie Beatrice; Augusta.
- *Collins, Gretta; Belleville.

COLLEGE FRESHMEN—Continued.

- Concannon, Thomas; Emporia.
 *Conger, La Verne; Beattie.
 *Conklin, Viola; Washington.
 *Connor, Ruth; Leavenworth.
 *Conrad, Elnora L.; Windom.
 Cook, Charles Ray; Rock Creek.
 *Cook, Kathryn; Ottawa.
 *Cook, Pauline; Hutchinson.
 *Cooke, Yetta; Anthony.
 Cooney, Anna E.; Mayetta.
 *Coons, E. Ezra; Stafford.
 *Cooper, Alma Ethel; Coffeyville.
 Cooper, Beatrice E.; Lincoln.
 Cooper, Feliz O.; Florence.
 Cooper, G. Fenimore; Fairview.
 *Copeland, Edna V.; Wichita.
 *Cordry, Ida; Parsons.
 *Cory, Bessie; Tonganoxie.
 *Cotten, Myrtle; Kansas City.
 *Counsell, Juanita; Garden City.
 Cowen, Izora Maude; Emporia.
 Cox, Ella; Elsmore.
 *Cox, Grace Evans; Leavenworth.
 Cox, Virginia; Emporia.
 Crandell, Clarence; Peru.
 Creager, Helen T.; Fredonia.
 *Cressman, Ethel May; Emporia.
 Crist, Frank L.; Friend.
 Critchlow, Fay; Atlanta.
 *Cromley, Frank G.; Mulvane.
 Cross, Florence; Emporia.
 *Cross, Mabel; Emporia.
 Cross, Vanda; Liberal.
 *Crosswhite, Harry E.; Parker.
 *Crowell, Grace E.; Alta Vista.
 *Cumpton, Flossie; Protection.
 Cunningham, Gladys; Hope.
 *Cunningham, Leda; Emporia.
 *Cutler, Wilma; Abilene.
 *Cutshaw, Fannie; Jamestown.
 Dana, Ina; Gardner.
 Davies, Clara A.; Clay Center.
 *Davis, Bernice; Bronson.
 *Davis, Clarissa Belle; Lincoln.
 *Davis, Eunice Ethyl; Kincaid.
 *Davis, Fleta V.; Esbon.
 *Davis, Katherine; Syracuse.
 *Davis, Maude F.; Hartford.
 *Davis, May L.; Wichita.
 *Davis, Vernon S.; Elwood.
 *Dawes, Marie Adele; Leon.
 Deakin, Ethel; *Guymore, Okla.*
 *Dean, Birdie; Nickerson.
 *Dean, Esther; Hamilton.
 *De Forest, Lewis H.; Wetmore.
 *De Forest, Zelma E.; Bloomington.
 Delano, Earl L.; Agra.
 *Delp, Marie; Kinslev.
 Deming, Elsie; Anthony.
 De Moss, Lola; Leon.
 *Dennis, Frederica; Emporia.
 *De Shurley, Gertrude; Augusta.
 *De Weese, Ramona E.; Wamego.
 *Dewey, Lynn M.; Le Roy.
 Dial, Lawrence; Cawker City.
 *Dickerman, Emma A.; Elk City.
 *Dietrick, Laura; Carbondale.
 Dissinger, Ruth Caroline; Yates Center.
 *Ditmars, Mrs. Daphne J.; Winfield.
 *Dittemore, Homer P.; Denton.
 *Dixon, Mildred E.; Agra.
 Dixon, Will G.; Leon.
 *Dodds, Clara; Welda.
 Dodds, Clarence; Welda.
 *Dodds, George F.; Carlyle.
 *Dodds, Ida E.; Welda.
 Doering, Elsie; Utopia.
 Donnelly, Beatrice; Topeka.
 Dooley, Lucile; Topeka.
 *Dore, Catherine; Waverly.
 *Dow, Clarence L.; Miltonvale.
 Driskell, Otie; Washington.
 *Drury, Ella M.; Sharon.
 *Drury, Floyd; Sharon.
 Dubbs, Mabel; Ransom.
 *Duff, Louis D.; Horton.
 *Dugger, Faye; Formoso.
 Dulebohn, I. H.; Emporia.
 Dulebohn, Mrs. Zelda; Emporia.
 Dummer, Rachel M.; Topeka.
 *Dunham, Beulah; Atchison.
 *Dunsworth, Dorothy; Emporia.
 Dutton, Thelma; Emporia.
 *Ealy, Marguerite; Hamilton.
 *Eberth, Dorothea; Wallula.
 Eble, Berth; May; Virgil.
 Edmonds, Harold; Emporia.
 Edwards, Lewis; Kincaid.
 Edwards, Mabel May; Baileyville.
 Edwards, Phil; Emporia.
 Edwards, Viola F.; Hamilton.
 Eibert, Vivian; Ness City.
 *Eighmy, Mable; Agra.
 *Eldredge, Neta; Ness City.
 Elledge, Minta; Severy.
 Ellington, Irene; Atchison.
 Ellis, Minnie May; Kingsdown.
 *Elswick, Roxie; Caldwell.
 *Elwell, Mrs. Margaret; Leon.
 *Emmons, Phrenola; Hill City.
 Engle, Amos; Abilene.
 Enns, Veola; Inman.
 *Epp, Anna; Newton.
 *Erickson, Frances; Chapman.
 *Erwin, Delia May; Belle Plaine.
 *Erwin, Elizabeth; Belle Plaine.
 *Etherington, Alma; Abilene.
 *Etherington, Irene; Abilene.
 *Eustace, Lawrence; Wakefield.
 Evans, Pattie Marian; Kansas City.
 *Ewert, Emma; Hillsboro.
 *Fall, Flossie; Iola.
 Farnsworth, Helen; Cullison.
 Farnsworth, Lewis G.; Cullison.
 *Fauley, Leon; Mount Hope.
 *Felker, Mrs. Jennie; Hoyt.
 *Felt, Stella; Minneapolis.
 Ferguson, Ruth; Grainola.
 *Ferrell, Elva; Harveyville.
 Fields, Booker Ardenis; Kansas City.
 Filinger, William H.; Cuba.
 Finkle, Guy; Galva.
 Finnerty, Anna; Hartford.
 *Finley, Adin W.; Emporia.
 Fite, Grace; Emporia.
 *Fitts, Zilpha; Reading.
 *Fleming, Edna; Soldier.
 *Fleming, Halcie; Emporia.
 Fleming, Loma; Emporia.
 *Fleming, Willia; Quindaro.
 Flowers, Lorin H.; Emporia.
 Flynn, Joseph P.; Palmer.
 *Foley, Mary; Troy.
 *Followell, Alma Alta; Godd.
 *Followell, E. Maud; Godd.
 *Foote, E. Winifred; Spring Hill.
 *Ford, Lurla Mildred; Caldwell.
 *Fouts, Lola Elsie; Harveyville.
 *Fowler, Clarke D.; Lost Springs.
 Fox, James; Emporia.
 Frances, Agnes; Wilsey.
 *Francis, Grace; Conway Springs.
 *Frank, Faye E.; Copeland.
 *Frank, Pearl; Copeland.

COLLEGE FRESHMEN—Continued.

- *Franklin, Blanche; Larned.
- *Frazier, Caroline; Girard.
- *Freeburne, C. Stanley; Marion.
- *Freeman, Alta; Harris.
- *French, George M.; Pretty Prairie.
- *French, Nellie; Emporia.
- *Friend, Frances Lee; Emporia.
- *Friend, Mildred; Emporia.
- *Friesen, Katie; Burton.
- *Frisbie, Rosa Bella; Plainville.
- *Froman, Alice; Valley Center.
- *Froman, Fern Marie; Valley Center.
- *Frost, Dollie; Republic.
- *Fruit, Carrie; Gardner.
- *Fruit, Edith L.; Gardner.
- *Frye, Roa C.; Lawrence.
- *Fuller, Edna Mey; Emporia.
- *Fuller, Lila B.; Salina.
- *Fuller, Ruby; Emporia.
- *Fuller, Ruth Marienne; Horton.
- *Fulton, Elsie; El Dorado.
- *Fulton, Ernest; Liberal.
- *Galbraith, Claude; Lost Springs.
- *Galley, Belle; Osborne.
- *Galloway, Mae; Hutchinson.
- *Gamman, Myrtle; Winfield.
- *Gardner, Lawrence; New Albany.
- *Gardner, Lawrence James; Kansas City.
- *Gardner, Pearl; Lyndon.
- *Garner, Evelyn; Scott City.
- *Garner, Hazel; Scott City.
- *Garrett, Randall; Hoisington.
- *Garrison, Iola; Summerfield.
- *Gaston, Frances M.; Cedar Vale.
- *Gebhardt, Lola; Ellsworth.
- *Geelan, Carrie; Lecompton.
- *Geesling, Lou Ethel; Turon.
- *Geib, Lena; Tonganoxie.
- *Gepharte, Jennie M.; Emporia.
- *Germann, Hazel Elsie; Kanorado.
- *Geyer, Ethel G.; Wetmore.
- *Gibson, Marguerite; Osage City.
- *Gibson, Stella; Thayer.
- *Gifford, Harley W.; Eskridge.
- *Gilchrist, Caroline; Chanute.
- *Gilman, Pearl; Emporia.
- *Glenn, Ruth; Lecompton.
- *Good, Bertha; Emporia.
- *Goodykoontz, Alice Jane; Lincoln.
- *Gordon, Florence; Admire.
- *Gordon, Joe; Garden City.
- *Gormly, Merle; Harveyville.
- *Graham, Ethel; Paola.
- *Graverholz, Elizabeth; Kensington.
- *Graves, Gladys; Troy.
- *Gray, Jane; Sedan.
- *Gray, Marv B.; Ottawa.
- *Green, Nellie; Leavenworth.
- *Green, Lula; Salina.
- *Greer, Esther W.; Marion.
- *Greever, John B.; Leavenworth.
- *Gregory, Mildred Helene; Hugoton.
- *Gribbin, Goldie; Virgil.
- *Griesinger, Estelle G.; Anthony.
- *Griffin, Linola Ella; Tulsa, Okla.
- *Griffith, Clara; Cottonwood Falls.
- *Griffiths, Hazel; Gridley.
- *Grimes, Harry M.; Louisburg.
- *Grimes, Winifred; Louisburg.
- *Grinder, Corinne; Kansas City.
- *Grinter, Edith H.; Kansas City.
- *Gross, Edna; Englewood.
- *Grove, Rachel; Welda.
- *Grove, William M.; Welda.
- *Gum, Iva; McCracken.
- *Gum, Twila Mae; McCracken.
- *Gunselman, Orla; Wakefield.
- *Gunselman, Myrtle A.; Wakefield.
- *Gunther, Lucille; Soldier.
- *Gutsch, Lydia M.; Tampa.
- *Haag, Rebecca; Holton.
- *Habecker, Hazel; Enterprise.
- *Hagan, Mamie; Lawrence.
- *Hall, Zella; Emporia.
- *Haller, Birdia A.; Ashland.
- *Haller, Cora M.; Ashland.
- *Hallock, Eunice J.; Ada.
- *Hamilton, Alice; Anthony.
- *Hampton, Grace; Rosedale.
- *Handley, Roy S.; Oswego.
- *Hanna, Grace E.; Barnes.
- *Hannah, John V.; Colony.
- *Harbert, Allie; Altoona.
- *Harr, Lloyd T.; Emporia.
- *Harris, Elba Francis; Leon.
- *Harris, H. D.; Maple Hill.
- *Harris, Ruth; Eudora.
- *Harrison, Eugenia; Bern.
- *Harsh, Mareta; Cassoday.
- *Hart, Neva; Minneapolis.
- *Harter, June; St. John.
- *Harvey, Gretta; Kincaid.
- *Hastings, Pearl; Strong City.
- *Hausam, Constance; Emporia.
- *Havorak, Blanche; Tecumseh.
- *Hawk, Ethel; Effingham.
- *Hawkins, Kathryn; Emporia.
- *Haworth, Emma M.; Leavenworth.
- *Hay, Herschel W.; Eskridge.
- *Hayes, Frances A.; Kansas City, Mo.
- *Hayes, Nellie D.; Wathena.
- *Hays, Bessie; Lyndon.
- *Heath, Pearl; Gas.
- *Hefner, Ethel; Cedar Vale.
- *Hegarty, Mary E.; Muscotah.
- *Hegle, Bertha V.; Lost Springs.
- *Heimbaugh, Zeda; Sedan.
- *Helander, Amy; Lindsborg.
- *Henderson, Esther M.; Newton.
- *Henderson, Ethel R.; Le Roy.
- *Hendrickson, Susie; Emporia.
- *Henley, Edna A.; Clyde.
- *Henry, Esther; Emporia.
- *Herold, Frances; Seneca.
- *Herold, Jennie; Seneca.
- *Herrick, Delia; Berryton.
- *Herrin, Mabel; Leavenworth.
- *Herrman, Lillione; Hamilton.
- *Hess, Kathleen; Hutchinson.
- *Hetherington, Mary Alice; Emporia.
- *Hewitt, Chester; Carbondale.
- *Hibner, Minnie; Lawrence.
- *Hicks, Leta; Norton.
- *Higgins, Roy James; Hamilton.
- *High, Blanche; Ellsworth.
- *Hilbert, Bessie Ruth; Cowley.
- *Hildinger, Tena; Marquette.
- *Hill, Buell; Kansas City, Mo.
- *Hill, Emza A.; Madison.
- *Hill, Jennie; Beloit.
- *Hill, Luella; Washington.
- *Hill, Madge; Lecompton.
- *Hillerby, Richard; Jacksonville, Ill.
- *Hinton, Amey E.; Fulton.
- *Hoag, Alma Ruby; Lebanon.
- *Hoag, Elva Mae; Lebanon.
- *Hobson, Genevieve; Richmond.
- *Hoch, Elsie; Hartford.
- *Hodges, Anna; Lebo.
- *Hodson, Jeanetta; Paola.
- *Hoffman, Evelyn; Netawaka.
- *Hoffman, Olive; Altoona.
- *Hogan, Nell; Humboldt.

COLLEGE FRESHMEN—Continued.

- Hohe, Bertha M.; Glen Elder.
 *Holden, Ruth; Horton.
 *Holeman, Mabel; Bronson.
 Holliday, Mrs. Daisy B.; Rose.
 *Hollingshead, Mary E.; Mankato.
 *Holmes, Edna; St. John.
 *Hoover, Mildred B.; Salina.
 *Hopkins, Ruth; Emporia.
 *Hord, Mattie; Colony.
 *Hornish, Pearl; Woodston.
 Horr, Pearl Marie; Thayer.
 *Hostick, Lora; Lebo.
 *Hough, Nellie; Fostoria.
 *Houlton, Buelah; Florence.
 *Houlton, Callie; Florence.
 Hover, Harriet; Eureka.
 *Howard, Harriet E.; Yates Center.
 Howell, Meda; Silver Lake.
 *Hubbard, Helen Marguerite; Beloit.
 Huenergardt, Irma Edith; Durham.
 Huffman, Esther; Garden City.
 *Huffman, Eulala; Herington.
 *Hughes, Carrie Marie; Summerfield.
 Hughes, Nell Virginia; Topeka.
 Hughes, Verra; Leavenworth.
 Hukill, Edna E.; Valley Falls.
 Hull, Elizabeth E.; Valley Falls.
 *Hulse, Inez V.; Conway Springs.
 Hund, Minnie O.; Wetmore.
 Hund, Lillian; Wetmore.
 Huntington, Neta; Mankato.
 *Hurlbutt, Jeanetta; Wichita.
 Hurst, Ireta B.; Independence.
 *Hutchinson, Ozeta; Canton.
 *Igel, Josephine; Ottawa.
 *Inghram, Blanche; Fort Scott.
 Irwin, Frank; Valley Falls.
 *Irwin, Mrs. Sue Ausherman; Talmage.
 *Jackson, Charlotte; Muskogee, Okla.
 *Jacobs, Mrs. Lennie M.; Fulton.
 *James, Effie; Topeka.
 James, Maurice; Madison.
 *James, Ruby Ruth; Emporia.
 Jaquith, John W.; Americus.
 *Jarnette, Reven de; Parsons.
 *Jarrett, Nada; Clifton.
 *Jarrett, Russell Ray; Clifton.
 *Jarvis, Lula; Lost Springs.
 Jennings, Olive; Ellsworth.
 *Jensen, Mattie; Junction City.
 *Jester, Howard A.; Marysville.
 *Jewett, J. June; Rosedale.
 *Joerling, Lulu; Dodge City.
 *Johnk, Bina; Neosho Falls.
 Johnk, Herbert H.; Neosho Falls.
 *Johnson, Adeline; Phillipsburg.
 Johnson, Edna Ruth; Yates Center.
 *Johnson, William M.; Humboldt.
 Johnston, Roy; Gridley.
 Jones, Fern M.; Moran.
 Jones, Jesse Erwin; Lyndon.
 Jones, Leah; Halstead.
 *Jones, Lena Grace; Lawrence.
 Jones, Minnie Catherine; Emporia.
 Jones, Pearl Martha; Saffordville.
 Jones, Vera Dell; Quincy.
 *Johnson, Ruby Mary; Concordia.
 *Johnson, Ruth A.; Guthrie, Okla.
 *Jones, Simon William; Hanover.
 *Jordan, Grace M.; Mankato.
 Karnes, Edna M.; Overbrook.
 *Karr, Mary Elizabeth; Talmage.
 Kathary, Caroline; Hamilton.
 Kearney, Ethel; Oswego.
 Keefover, Iva; Barnes.
 *Keeton, Earl W.; Mildred.
 *Keggin, George F.; Wetmore.
 Keller, Marie; Home City.
 Kelley, Laurette; Chapman.
 Kelley, Marjorie; Emporia.
 *Kellogg, Faye D.; Portis.
 *Kelly, Beulah; Louisburg.
 *Kelly, Maurine; Edgerton.
 Kende, Doris; Council Grove.
 *Kennedy, Grace; Nashville.
 Kenton, Florence; Bonner Springs.
 Kenton, Margaret; Bonner Springs.
 Kepple, Katherine; Richmond.
 Kersey, Emily Helen; Udall.
 Kersey, Horace A.; Quenemo.
 Keys, Mae E.; Winchester.
 Kidd, Sadie H.; Tonganoxie.
 Kimble, Ellis; Liberal.
 Kinkhead, Frances; Troy.
 Kirkendall, Frances; Emporia.
 Kirkner, Lucile; Carbondale.
 Kline, Hilda C.; Tonganoxie.
 Kneeland, Nina; Admire.
 Knoll, Veda; Severy.
 *Knoll, Velda; Severy.
 Knoll, Venus; Severy.
 Knowles, Relda; Kling.
 Kobel, Verna; Peabody.
 Kobes, Gertye Mabel; Manhattan.
 Kouns, Emma; Salina.
 *Krause, Katherine; Lehigh.
 Kretsinger, Beatrice; Emporia.
 *Kridner, Grace Elizabeth; Waldron.
 Kunce, Mildred; Tonganoxie.
 Kunz, Charlotte A.; Emporia.
 *LaCaille, Doerle K.; Leavenworth.
 *La Cour, Marguerite; Omaha, Neb.
 Lacey, Irma Mae; Iola.
 *Laird, Ina; Potwin.
 *Laird, Laura Rebecca; Abilene.
 Lake, Ethel; Eskridge.
 Lake, Raymond; Eskridge.
 *Lamberson, Ruth; Monrovia.
 *Lane, Grace Mabelle; Neosho Rapids.
 Lankton, Andrew; Le Roy.
 *Lannu, Mary; Marquette.
 Lansing, Mary; Chase.
 Largent, Jessie; Emporia.
 *Larson, Esther; Marquette.
 Larson, Flossie; Tescott.
 Lathrop, Evangeline A.; Blue Rapids.
 Law, De Witt; Colony.
 Lawrence, Harry B.; Howard.
 *Lay, Leola; Colony.
 Layton, Ira J.; Le Roy.
 Leamer, Kathryn; Onaga.
 *Leap, Olga; Kinsley.
 Leatherman, Flora; Chapman.
 *Leazenby, Jewell C.; Emporia.
 Lednický, Bereniece; Everest.
 *Lehmer, Ethel; Americus.
 *Leibengood, Rebekah; Paola.
 *Leighy, Ethel; Bushong.
 *Lenon, Gladys E.; Parker.
 Lesh, Hazel; Garnett.
 *Leslie, Edna; Lyndon.
 Levering, Roland; Hamilton.
 Lewis, Daniel W.; Wichita.
 *Lewis, Elsie M.; Downs.
 *Lewis, Hazel; Lebo.
 *Lewis, Irma J.; Yates Center.
 Lewis, Reese; Emporia.
 *Lieurance, Wanda L.; Mildred.
 Lill, George; Leon.
 *Lill, Katherine; Leon.
 Lillie, Mattie Delene; Emporia.
 Lindenberger, Gladys; Marion.
 Linton, Nona A.; Valley Falls.
 *Liska, James J.; Dwight.

COLLEGE FRESHMEN—*Continued.*

- *Livinston, Ellena; Colony.
- *Loewen, Herbert; Hillsboro.
- *Lomax, Elva; Cherryvale.
- *Lomax, Cecile; Cedar Vale.
- Long, Merlin; Ramona.
- Lonker, Hazel; Medicine Lodge.
- *Losey, Gertrude; Clay Center.
- *Lowe, Mary; Valley Center.
- *Lowry, Sena; Vernon.
- *Ludlow, Della O.; Hiawatha.
- *Lindine, Rose; Chanute.
- *Lyon, Vona E.; Lincoln.
- Lytle, Mare; Burlington.
- *McAdams, Nellie Maude; Kansas City.
- McAuley, Joyce; Americus.
- McCarter, Meda; Emporia.
- McCarthy, Anna; Waverly.
- *McCarty, J. F.; Centerville.
- McCaw, Myrtle; Americus.
- *McChure, Adda Mae; *Glendale, Ariz.*
- *McCord, Nettie; Emporia.
- McCoy, Raphael A.; Nortonville.
- McCracken, Eugene E.; Emporia.
- *McCulley, Maude; Arkansas City.
- McDaniel, Ethel D.; Admire.
- McDaniel, Mamie E.; Jewell City.
- *McDowell, Cy.; Louisburg.
- McFadden, Herbert C.; Chanute.
- *McFaden, Gertrude; Webber.
- *McGarvin, Irma; Bonner Springs.
- *McGee, Grace; Kingman.
- *McGuire, Mabel; Isabel.
- *McKinley, Lesta May; Utica.
- *McKittrick, Frankie; Cedar Point.
- *McKnight, D. W.; Lincoln.
- *McKnight, Ruby; Topeka.
- *McMillan, Mrs. Carrie; Emporia.
- *McNary, Mabel Ruth; Garnett.
- *McNerney, Eldora; Lucas.
- *McVay, Nora M.; Leon.
- *Machin, Phoebe; Wamego.
- Madden, Zana; Hugoton.
- *Maddox, Letha; Hazelton.
- *Maffet, Mamie; Kingman.
- *Magee, Josephine; Conway Springs.
- *Magee, Nellie; Conway Springs.
- *Maher, Ruby E.; Osawatomie.
- *Mahoney, Lucile; Scranton.
- *Malmgren, Ruth; Falun.
- *Mallory, Nora; Lebanon.
- *Maness, Helen; *Ponca City, Okla.*
- *Manly, Alice; Burden.
- Mannix, Node; Overbrook.
- *Manon, Iva Viola; Gypsum.
- Manuel, Daisy; Durham.
- *Marlin, Anna; Salina.
- Marsh, Elizabeth; Americus.
- *Marshall, Luzena E.; Liberty.
- *Marshall, Mary E.; Kingman.
- Marshall, Ruth V.; Bonner Springs.
- Martin, Claire; Eskridge.
- *Martin, Inez Marie; Chanute.
- *Martin, Josephine; Garnett.
- *Martin, Ollie J.; Garnett.
- *Martin, Verna; Marysville.
- *Marx, Mrs. Daisy B.; Emporia.
- Mason, America; Topeka.
- *Mason, Myra; Colony.
- *Marsey, Fannie Jane; Horton.
- Mastin, Stanley; Ramona.
- *Mather, Pattie Mildred; Iola.
- *Maulsby, R. E.; Lebanon.
- May, Evelyn; Newton.
- Meairs, Robin P.; Dodge City.
- *Meek, Hazel; Centralia.
- *Mell, Dorris L.; Wetmore.
- Mellor, Alice Edna; Waverly.
- *Mendell, Ina S.; Neosho Falls.
- Mercer, John William; Carbondale.
- *Mergen, Mary Gertrude; Beloit.
- *Merillat, Elizabeth; Ramona.
- *Merilla, Grace I.; Enterprise.
- *Messerly, Lucile; Osage City.
- Meyer, Bertha M.; Hiawatha.
- *Meyer, Elizabeth Mary; Chapman.
- Meyer, Elmer E.; Linn.
- *Meyer, Marv M.; Chapman.
- *Meyers, Ada; Esbon.
- *Michail, Eva; Waverly.
- *Middleton, Zella; Altoona.
- *Miller, Gertrude; Syracuse.
- *Miller, Lucy; Garden City.
- *Miller, Marguerite; Phillipsburg.
- Miller, Maude O.; Deerfield.
- Miller, Minnie; Council Grove.
- *Miller, Portia E.; Clay Center.
- Mills, Edith; Emporia.
- Mills, Flossie E.; Belleville.
- *Minner, Bertha; Soldier.
- Mitchell, Hugh; St. Francis.
- *Mitchell, Margaret; Carbondale.
- *Mize, Ethel B.; Osborne.
- Moddrell, Ethel; Stafford.
- *Moden, Ella; Waterville.
- *Monk, Ivey A.; Niles.
- Monroe, Pauline; Emporia.
- *Moon, Hazel; Junction City.
- *Moon, Hester; Jetmore.
- *Mooney, Fred W.; Blue Mound.
- *Moore, Earl C.; Elbing.
- Moore, Ethel Jessie; Uniontown.
- Moore, Grace; Gridley.
- Moore, Iantha Mildred; Americus.
- *Moore, Joseph K.; Norcatur.
- *Moore, Katherine; Humboldt.
- Moore, Ruth Elizabeth; Emporia.
- *Moore, Tillie; Junction City.
- *Moorman, Flora; Burr Oak.
- *Mootz, Gussie; Dodge City.
- *Morgan, Gladys; Girard.
- *Morin, Ruth; Salina.
- *Morris, Cecil; Ellinwood.
- *Morris, Julia; Emporia.
- Morrison, Nellie May; Rozel.
- *Morrow, Beulah Marie; Altoona.
- *Morse, Bernice; Phillipsburg.
- Morton, Gladys; Emporia.
- Moser, Amelia E.; Stilwell.
- Moser, Celia E.; Hiawatha.
- *Mosier, Helen; Maple City.
- Mosley, Ira; Le Roy.
- *Moss, Edna M.; Eureka.
- *Mowrer, Frankie Faye; Lost Springs.
- *Mullen, Ruth; Eureka.
- *Mulloy, Helen; Lincoln.
- *Murdock, Annie M.; Edgerton.
- *Murphy, Mary; Cherryvale.
- *Myers, Mada B.; Lebanon.
- Nanninga, Ann; Emporia.
- *Nanninga, Esther; Leonardville.
- Nanninga, John; Emporia.
- Naylor, Marjory; Wellington.
- *Neal, Ruth Louise; Paola.
- *Neibling, Gertrude; Holton.
- Neis, Charles; Hope.
- *Nelson, Blenda; Marquette.
- Nelson, Laura; Minneapolis.
- Nelson, Richard; Belle Plaine.
- Nemechek, Benj. F.; Abilene.
- *Neuenschwander, Rose; Madison.
- *Newman, Florence; Virgil.
- *Newman, Mabel V.; Marysville.
- *Newton, Frances; Clay Center.
- *Nider, Mabel; Waterville.

COLLEGE FRESHMEN—Continued.

- *Niederlander, Elsie; Marquette.
 *Niederlander, Marion; Marquette.
 *Niles, Phoebe; Loraine; Thayer.
 *Noe, Clarence P.; Wetmore.
 *Nold, Bertha Mae; Anthony.
 *Noll, Pauline; Florence.
 *Nolte, Mrs. Adar; Healy.
 *Nonnamaker, May E.; Little River.
 *Nookes, Charles; Americus.
 *Norman, Harry Vlass; Deerfield.
 *Norrie, Lottie; Sabetha.
 *North, Hazel; Cawker City.
 *Northrup, Lucile; Greensburg.
 *Norton, Bernice; Cawker City.
 *Noyes, Matilda; Emporia.
 *Ober, Hazel; Syracuse.
 *Ober, Ina; Syracuse.
 *O'Brien, Faye; Meriden.
 *O'Brien, Katherine; *Superior, Neb.*
 *O'Connor, Ella; Emporia.
 *O'Connor, Genevieve; Emporia.
 *Ogan, Marie; Sedgwick.
 *O'Kane, Gene; Leavenworth.
 *O'Keefe, Ruth; Dighton.
 *Okeson, Vera; Fairview.
 *O'Loughlin, Jennie; Lakin.
 *Oliphant, Bertha; Chanute.
 *Oliver, Bess; Cawker City.
 *Oliver, La Rue; Mayfield.
 *Oliver, Lillian K.; Maple Hill.
 *Olston, Annie C.; Axtell.
 *O'Neil, Mary; Axtell.
 *Orr, Marie; Newton.
 *Osborn, Nettie; Quincy.
 *Ostenberg, Gunheld; Marquette.
 *Ottaway, Harriett Mae; Hillsboro.
 *Owen, Grace Z.; Independence.
 *Owen, Juanita; Osawatomie.
 *Page, Cora; Detroit.
 *Paine, Edna M.; Burden.
 *Pankratz, Dane; Hillsboro.
 *Pardee, Hazel; Eskridge.
 *Parker, Pansy May; Neosho Rapids.
 *Parmiter, Eldin; Eskridge.
 *Parsons, Florence; Elmdale.
 *Pate, Mrs. Erma L.; *Guyvern, Okla.*
 *Patterson, Jessie Floy; Anthony.
 *Pattison, Alice; Council Grove.
 *Patton, Anna; Arkansas City.
 *Paul, Edith; Jamestown.
 *Paul, Mabel; Garnett.
 *Paxton, Susanna; Emporia.
 *Pearce, Bertha Viola; Thayer.
 *Pearsall, Lester; Shields.
 *Pearson, Ora D.; Gem.
 *Peele, Fern; Eureka.
 *Pelzell, Elsie; Harper.
 *Peniston, Madree C.; Atchison.
 *Penn, Hazel; Atchison.
 *Penn, Verna; Atchison.
 *Penner, Minnie; Potwin.
 *Pennington, Grace Ellen; Hugoton.
 *Perkins, Mrs. Clara; Meade.
 *Perkins, Helen; Muncie.
 *Perry, Bertha M.; Parsons.
 *Perry, Ethel; Greensburg.
 *Peterson, Leona C.; Enterprise.
 *Peterson, Zena A.; Greenleaf.
 *Petford, Nellie; Emporia.
 *Pfeffer, Helena; Eudora.
 *Phillips, Helen; Herington.
 *Phillips, Leah B.; Yates Center.
 *Phillips, Mary C.; Yates Center.
 *Pickerell, Neva; Minneapolis.
 *Piehler, Oscar; Alden.
 *Polley, Hattie; Easton.
 *Pore, Ruth May; Cedar Vale.
 *Porter, Lenna; Peabody.
 *Pottinger, Virgil; Topeka.
 *Powell, Mabel; Chanute.
 *Powers, Frances; Wichita.
 *Price, Daisy Elizabeth; Hoisington.
 *Price, Sarah Ann; Beattie.
 *Priest, Blanche Hester; Sabetha.
 *Pringle, Robena; Rose.
 *Prosser, Lydia; Osage City.
 *Pryor, Pearl E.; Wichita.
 *Purgit, Hazel; Frankfort.
 *Pyle, Eleanor; Americus.
 *Quick, Jessie D.; Harveyville.
 *Ramseyer, Margaret; Emporia.
 *Randolph, Violet; Fairview.
 *Randolph, William Edward; Fairview.
 *Ransom, Harriet Elizabeth; Junction City.
 *Rawlings, Sue M.; Havensville.
 *Ray, Dora; Atlanta.
 *Raymond, Lois B.; Long Island.
 *Raymond, Paul; Centralia.
 *Rector, Edna; Emporia.
 *Reeves, Beatrice; Fort Scott.
 *Reid, Alice; Lebo.
 *Reid, Bertha; Lebo.
 *Reid, McKinley; Lebo.
 *Reid, Nettie; Arkansas City.
 *Reinert, Henry A.; Riverside.
 *Reinhart, Julia; Le Roy.
 *Reiserer, Alma E.; Leon.
 *Retschlag, Ernest; Emporia.
 *Rhue, Vera; Troy.
 *Richard, Edith; Kansas City.
 *Richmond, Clede; Wellsville.
 *Richolson, Zillah; Salina.
 *Riddell, Iva; St. Francis.
 *Riddell, Madeline; St. Francis.
 *Rife, Alberta; *La Junta, Colo.*
 *Riley, Belle; Cottonwood Falls.
 *Ring, Elma Adina; Caldwell.
 *Ring, Myrtle; McPherson.
 *Roach, Mary C.; Wichita.
 *Roark, Nellie; Lake City.
 *Robertson, Suey Anne; Lawrence.
 *Robinson, Florence; Neodesha.
 *Robinson, Preston; Emporia.
 *Robison, Glenn; Florence.
 *Robison, Velma; Mayetta.
 *Rockwell, Gladys; Strong City.
 *Rodwell, Sophie; Vassar.
 *Rogers, Hazel; Emporia.
 *Rogers, Trilby; Meriden.
 *Rollow, Crystal; Hill City.
 *Roote, Paul M.; Eskridge.
 *Rosacker, Joe; Stafford.
 *Rossier, Matilda; Onaga.
 *Round, Florence; Iola.
 *Round, Margaret; Iola.
 *Rousselot, Edward; Kansas City.
 *Rudebaugh, Myrtle; Denton.
 *Rumford, Fred; Hanston.
 *Rush, Zola Estella; Ness City.
 *Russell, Carl; Howard.
 *Russell, Esther A.; Stafford.
 *Russell, Hazel; Winfield.
 *Ruth, Agnes; Horton.
 *Rutti, Agnes; Irving.
 *Sackett, Mary; Marion.
 *Salfrank, Mary A.; Pflingham.
 *Samson, Ellen; Valley Falls.
 *Samson, Josephine; Valley Falls.
 *Samuels, Emily M.; Spring Hill.
 *Sandborn, Roberta; Blue Rapids.

COLLEGE FRESHMEN—Continued.

- Sanford, Marguerite; Wichita.
 *Sangster, Elizabeth; Lyons.
 Santner, Della; Minneapolis.
 *Sarvis, N. Mae; Norton.
 *Saunders, Victoria Mildred; Manhattan.
 Savage, Grace; Florence.
 *Schaffer, Elizabeth; Meriden.
 Schafer, Kathryn; Meriden.
 Scheidt, Anna L.; Bonner Springs.
 *Schilling, Grace Ella; Tonganoxie.
 *Schirmer, Nellie May; Holton.
 *Schnidt, Helen Anne; Moundridge.
 *Schoeller, Eva; Rosedale.
 *Scholten, Clara F.; Beloit.
 Scovill, Florence; Pamona.
 *Scovill, Grace; Valley Falls.
 *Sears, Irene; La Harpe.
 Self, Myrtle; Cedar Point.
 *Shaner, Cozette; Junction City.
 *Shaner, Helen; Lost Springs.
 *Shaner, Mary; Lost Springs.
 Sheets, Velam; Glen Elder.
 *Sheppard, Malta; Wellsville.
 *Sherffins, Ruby Elen; Elmdale.
 *Sherman, Christiana C.; Tonganoxie.
 *Sherwood, May; Cherryvale.
 Shimp, Dorah E.; Oneida.
 *Shook, Birdena G.; *Gymon, Okla.*
 *Short, Valle E.; Topeka.
 *Shriver, Mary; Wellington.
 *Shuemaker, Rubye Fern; Wetmore.
 *Shultz, Nellie; Eureka.
 Shupe, Erma; Sitka.
 *Shutts, Minnie L.; Beloit.
 *Siebert, Viola; Dundee.
 *Simcox, Clara; Canton.
 *Simmington, Izma Alice; Atchison.
 *Simmerman, Florence G.; Hartford.
 Simpson, Harold; Canton.
 Simpson, May; Salina.
 *Sister Bernard; Concordia.
 *Sister Eugenia; Concordia.
 *Sister John Joseph; Concordia.
 *Sister M. Boniface; Concordia.
 *Skaggs, Effie, Minneapolis.
 *Skaggs, Minnie; Leavenworth.
 *Skillman, Maude; Burlington.
 *Skinner, Bessie Mable; Peabody.
 Skinner, Marvel; Nortonville.
 *Slaback, Essie; Chanute.
 Slead, Halley; Neosho Rapids.
 Sloan, Edith W.; Harper.
 *Smethers, Julia; Elmdale.
 Smiley, Laura; Silver Lake.
 *Smith, Agnes Leota; Neosho Rapids.
 *Smith, Eva O.; Salina.
 *Smith, Eva Valrie; Parsons.
 Smith, Florence Edith; Burden.
 Smith, Genevieve; Moran.
 *Smith, Hart; Rosalia.
 Smith, Inez C.; Galesburg.
 *Smith, Irene; Horton.
 Smith, Minnie; Kansas City.
 *Smith, Vivian; Wellington.
 *Smythe, B. Marie; Salina.
 *Snider, Flora Mildred; Abilene.
 Solomon, Blanche Bernice; Frankfort.
 Sparks, Elizabeth; *Kansas City, Mo.*
 *Sparrowhawk, Charlotte; Wakefield.
 *Sparrowhawk, Vida; Wakefield.
 *Spear, Roy D.; Bushong.
 *Speer, Anna; Clearwater.
 *Speer, Mabel; Clearwater.
 *Spencer, Olive D.; Neosho Rapids.
 *Sperling, Elizabeth; Hartford.
 *Spicer, Ruth; Dodge City.
 *Spoonamore, Fannie; Coffeyville.
 *Sprague, Allen; Powhattan.
 Spraul, Erna M.; *Kansas City, Mo.*
 *Sprenkel, Irene; Garden City.
 *Staley, Gladys; Neosho Rapids.
 Staley, Ruth; Neosho Rapids.
 *Stark, Mrs. W. O.; Elk City.
 *Starr, Pearle; Welda.
 *Starry, Ivil G.; Louisburg.
 *Steckel, Ida Agnes; Woodbine.
 *Stenger, Cassie B.; Council Grove.
 *Sterling, Minnie; Clay Center.
 *Sterling, Winifred; Carlton.
 *Stephenson, Beulah; Leavenworth.
 Stevenson, Frances; Leavenworth.
 *Stevens, Leona May; Wetmore.
 Stewart, Gladys P.; Americus.
 *Stewart, Grace; Salina.
 Stites, Otto Russell; Wa Keeney.
 *Stolfus, Naomi; Emporia.
 *Stolfus, Viola; Emporia.
 Stone, Wilma; Bucklin.
 *Stosz, Nora S.; Beattie.
 *Strachan, Charlotte; Howard.
 *Stratlow, Edna; Hartford.
 Stratton, Clara; Paxico.
 *Straub, Marguerite; Lenape.
 *Sumez, Esther; Berryton.
 Surdez, Emma B.; Onaga.
 *Sutton, Amelia Bess; Emporia.
 *Swarner, Tressie; Bushong.
 *Swenson, Beatrice; Clay Center.
 *Switzer, Verna; Lost Springs.
 *Tabler, Cecil J.; Le Roy.
 *Tabor, Ella Louisa; Girard.
 Tangemann, Elsie E.; Newton.
 Taylor, Jane; Emporia.
 Teichgraeber, Oscar; Emporia.
 *Temple, Myrtle; Axtell.
 *Ten Eyck, Maude; Alma.
 *Terry, Gladys Ethel; *Petersburg, Ill.*
 *Thayer, Elsie F.; Kensington.
 *Thomas, Elma Lotta; Anthony.
 Thomas, Edith R.; Emporia.
 Thomas, Emma; Emporia.
 Thomas, Ina; Emporia.
 Thomen, Agnes; Junction City.
 *Thompson, Elizabeth E.; El Dorado.
 *Thompson, Emma C.; Topeka.
 Thompson, Emma F.; Lost Springs.
 Thompson, Ethel; Quenemo.
 Thompson, Lawrence; Wamego.
 *Thompson, Maye; Blakeman.
 *Thompson, Vivian Merle; Beattie.
 Thompson, Will G.; Hope.
 *Thorn, Besse; Beattie.
 *Thorn, Josephine; Beattie.
 *Thorne, Anna Elizabeth; Kinsley.
 *Thornton, Addie M.; *Boynnton, Okla.*
 *Thrasher, Elsie Snow; Partridge.
 *Timken, Grace; Rozel.
 Tindell, Nattie; Burlingame.
 Tomlinson, Bryan; Grenola.
 Topp, Clara; Wichita.
 Topping, Beth; Emporia.
 Tracy, Ethel; Junction City.
 Traver, Esther; Peabody.
 Traxler, Arthur E.; Emporia.
 Trebilcock, Frank; Dodge City.
 Trotter, Lillian; Garden City.
 *Truesdale, Anna B.; Leavenworth.
 *Trudell, Bessie Ellen; Miltonvale.
 Trusler, Victor; Emporia.
 Tucker, John; Michigan Valley.
 Turner, Myrtle; Topeka.
 *Tyler, Tessa; Fredonia.
 Unruh, Ruby Grace; Pawnee Rock.
 *Upshaw, Mary E.; McPherson.

COLLEGE FRESHMEN—Continued.

- *Van Buskirk, Nelle; El Dorado.
- Van Campen, C. L.; Linn.
- *Van Meter, Oren; Lovewell.
- Van Osdol, Florence; Junction City.
- *Vaughn, Marion; Winfield.
- *Vawter, Fern G.; Coffeyville.
- *Viles, Mabel E.; Muscotah.
- *Vincent, Eleanor; Iola.
- *Vincent, Gladys; Overbrook.
- Vollrath, Pearl; Emporia.
- *Vosburgh, Lois; Macksville.
- Wade, Ora L.; Maple Hill.
- *Wade, Reuben; Topeka.
- Wagner, Bryan; Virgil.
- *Wahl, Ethel; Independence.
- Walker; Quinnie; Elwood.
- Wallace, La Vina B.; White City.
- Walls, Thelma; Parsons.
- Walters, William; Bancroft.
- Walton, Ruth; Leavenworth.
- *Wandmaker, Mary; Leavenworth.
- *Wann, Nanny; Marquette.
- *Ward, Anne; Severance.
- Ware, Edna; Topeka.
- *Warner, Ruby Alice; Tonganoxie.
- *Washburn, Lelah M.; Caney.
- Washington, Frances; Weskan.
- *Waters, Bertha Mae; Blue Rapids.
- Watkinson, Mildred Elizabeth; Carbondale.
- *Watson, Katie Bell; Vining.
- *Watson, Lucile Mamie; Kansas City.
- *Watson, Mary E.; Osawatometie.
- Watt, Lena; Emporia.
- *Watts, Clara E.; Chetopa.
- Waynick, Vaughnie; Wellington.
- *Weage, Louisa; Kinsley.
- *Weaver, Blanche; Admire.
- Weaver, Marguerite; Alma.
- *Webber, Faye; Quincy.
- Weber, Lucile; Topeka.
- *Weber, Penelope; Dodge City.
- Webster, Paul; Emporia.
- *Weeks, Emma J.; Garden City.
- *Weimer, Mabel Agnes; Overbrook.
- Weiss, Lydia; Tampa.
- *Welch, Bess; Edna.
- Wells, Mrs. Jessie M.; Emporia.
- Wells, Mabel E.; Mulvane.
- *Wells, Pearl; Arkansas City.
- *Wells, Winfield; Sterling.
- Welton, Lela A.; Fairview.
- *Welwood, J. Marjorie; Wichita.
- *Welwood, M. Virginia; Wichita.
- Wemple, Stella; Eskridge.
- Wendt, Emma; Elmo.
- *Westling, Amy E.; Marquette.
- *Weston, Mary Anna; Derby.
- *Whalen, Lillian; Lincoln.
- *Whalen, Mary; Lincoln.
- *Wheeler, Clara; Fredonia.
- *Wetstone, Vida; Pomona.
- *White, Ethel; Clay Center.
- White, Irene; Williamstown.
- White, Verne D.; Eskridge.
- Whitlow, Guyla; Moran.
- Widmer, Earl; Parsons.
- *Wieland, Antoinette; Hays.
- *Wikoff, Leo Charles; Lyons.
- *Wikoff, Ruby; Beattie.
- *Wilcox, Iva; Kinsley.
- *Wilk, Effie R.; Hillside.
- *Willard, Frances Edith; Concordia.
- Willey, Bessie; Strong City.
- *Williams, Annie; Hugoton.
- *Williams, Esther; Florence.
- *Williams, Harold C.; Wetmore.
- *Williams, Helen Frances; Marion.
- Williams, S. Metella; Burden.
- Williams, Roy W.; Marion.
- *Williams, Vida; Liberty.
- Williams, Zelma; Soldier.
- *Williamson, Florence; Burlington.
- Williamson, Ralph; Emporia.
- Willis, Anna; Emporia.
- *Wilson, Daisy Marie; Elwood.
- Wilson, Ferdinand; Independence.
- Wilson, Flora; Carbondale.
- *Wilson, Hava Irene; Elwood.
- Wilson, Mae; Carbondale.
- Wilson, Vera J.; Altoona.
- *Wimer, Clarice; Le Roy.
- Winans, Mamie A.; Neosho Rapids.
- Windett, Lucy; Quenemo.
- *Winkquist, Mildred; Vermilion.
- Winston, Samuel L.; Kansas City.
- *Winters, Jeanne; Lecompton.
- *Wisecarver, L. C.; Greensburg.
- *Witham, Effie J.; Norcatur.
- *Wolf, Harry D.; Harvey.
- *Wolf, Lucile Grace; Marion.
- *Wolfe, Nona; Rosedale.
- *Wolff, Dorothy; Council Grove.
- *Wolff, Sara A. P.; Ottawa.
- *Wood, Rose; Emporia.
- *Woods, Philena; Marion.
- Woodside, Marie C.; Carbondale.
- *Woodward, Ruth; Garden City.
- *Woolsey, Hal C.; Eskridge.
- *Woolverton, Lois E.; Abilene.
- Workman, Lawrence; Emporia.
- *Wright, Alma A.; Winfield.
- Wright, Doris; Topeka.
- *Wright, Isabelle; Newton.
- *Wright, Maye; Aurora.
- *Wuester, Vera; Beattie.
- Wulke, Mathilde; Topeka.
- *Yates, Josephine; Kansas City.
- *Yauss, Ellen G.; Marysville.
- *Yeager, W. C.; Canton.
- Young, Charles D.; Independence.
- *Young, Lena; Greensburg.
- *Young, Louise; Salina.
- *Young, Rachel; Neodesha.
- *Young, Retta Jane; Maple Hill.
- *Younger, Paul; Tonganoxie.
- Zimmerman, Milo; Harper.
- *Zimmerman, Velva; Tonganoxie.

HIGH SCHOOL.

HIGH SCHOOL SENIORS.

COMPLETED WORK FOR DIPLOMA, JULY 28, 1917.

- Britton, Harry; Emporia.
- Buchanan, Harry S.; Emporia.
- Byler, Elizabeth; Newton.
- Clyde, Minnie; Emporia.
- Craft, Mrs. Mabel; Emporia.
- Dillon, Hiatt; Lafontaine.
- Geelan, Carrie; Lecompton.
- James, Iva; Emporia.
- James, Ruth McKinley; Emporia.
- Jones, Vera Dell; Quincy.
- Kendle, Ethel; Council Grove.
- Leu, Fannie; Madison.
- Manly, William; Diamond Springs.
- Meyer, Mamie; Linn.
- Price, W. Manford; Toronto.
- Thrasher, Dena; Emporia.
- Van Gundy, Golda; Neosho Rapids.
- Williams, Hazel; Osawatometie.

HIGH SCHOOL SENIORS—*Continued.*

CANDIDATES FOR DIPLOMA, MAY 25, 1917.

Anderson, Eva; Beattie.
 Appeltrud, Adeline E.; Leonardville.
 Baptist, Myrna; Emporia.
 Bodine, Alta V.; Burlingame.
 Bodine, Effie; Burlingame.
 Bradley, Margaret; Parker.
 Brodie, Mary; Emporia.
 Campbell, Gladys; Emporia.
 Carter, Mary Alice; Emporia.
 Cavanaugh, Esther; Ozawkie.
 Chance, Robert L.; Amy.
 Colburn, Pearl E.; Riley.
 Corbin, Bess Marie; Emporia.
 Coventry, Blanche; Alexander.
 Czapanskiy, Lucy A.; Aurora.
 Darrah, Mary; Emporia.
 Durkee, Neva Mae; Sylvia.
 Ericsson, Lillian M.; Topeka.
 Fawl, Maude Marie; Overbrook.
 Fuller, Ruby; Saffordville.
 Funston, Hazel; Carlyle.
 Harrison, Eugenia; Bern.
 Hayes, Harold; Severy.

Holliday, Daisy B.; Rose.
 Huenergardt, Irma; Durham.
 Hush, Gladys; Emporia.
 Johnson, Claude M.; Phillipsburg.
 Jones, Blanche; Sylvia.
 Kitchen, Mary Elizabeth; Pawnee Rock.
 Koontz, Lois; Emporia.
 Krueger, Charlotte; Leavenworth.
 Marburger, Esther M.; Emporia.
 Marshall, Hazel; Emporia.
 Maxson, Della; Emporia.
 Morris, Della; Emporia.
 Morton, Mary; Fall River.
 Murray, Roy; Simpson.
 Page, Virginia; Hamilton.
 Paulus, Lydia; Moundridge.
 Rost, Carrie; Sedan.
 Schwendig, Rose; Council Grove.
 Smith, Esther; Emporia.
 Stark, Arzie; Elk City.
 Stephens, Edith M.; Emporia.
 Zollars, Beulah G.; Emporia.

CANDIDATES FOR DIPLOMA, JULY 27, 1917.

Bain, Mollie; Dunlap.
 Fischer, Helen; New Ulysses.
 Fromm, Ella; Elmo.
 Gist, Noel; Emporia.
 Hinton, Carrie; Fulton.
 Lindholm, Vera; Falun.
 Longshore, Hazel; Emporia.
 McCormick, Elice; Elmo.
 Miller, Gwladys; Washington.
 Morton, Rebecca; Fall River.

Noffsinger, Cecile; Fall River.
 Noffsinger, Ula D.; Fall River.
 Rorabaugh, Dorothy D.; Bellaire.
 Ryan, Mary; Stilwell.
 Slater, Helen Marie; Emporia.
 Sloan, Gertrude; Zenda.
 Tipton, Captolia; Parsons.
 Troll, Anna Irene; Emporia.
 Valyer, Arden; Allen.
 Wilson, Lafayette; Independence.

HIGH SCHOOL SENIORS NOT COMPLETING WORK FOR DIPLOMA.

Agrelius, Kenneth; Emporia.
 Anderson, Eva Marie; Emporia.
 *Aue, Esther; Emporia.
 Baugh, Clarice; Emporia.
 Bishop, Abbie; *Higgins, Tex.*
 Blackwood, Merl A.; Emporia.
 *Bonfield, Agnes; Elmo.
 Boyle, Walter; Bennington.
 *Brubaker, Monta; Olathe.
 Burns, Lela; Emporia.
 *Butler, Bonnie; Stafford.
 *Byers, Verna M.; Beattie.
 *Cameron, Roy R.; Wamego.
 *Camp, Gazelle; Selma.
 Camp, Josephine; Goff.
 *Campbell, Amy E.; Emporia.
 *Campbell, Grace; Topeka.
 *Cartmel, Alma; Emporia.
 *Concannon, Mabel; Emporia.
 Cooper, Robert C.; Emporia.
 Cornish, Mrs. E. D.; Emporia.
 *Corsant, Elsie; Salina.
 *Craig, Lois; Council Grove.
 *Crawford, Inez; Emporia.
 *Crosswhite, Clyde D.; Parker.
 *Culver, Olive Marie; Rose.
 *Curtiss, Oline C.; Beeler.
 Donaldson, David E.; Emporia.
 Eastman, Dorothy; Emporia.
 Erickson, Anna; Junction City.
 Faler, Edgar H.; Seward.
 *Francis, Willard; Beloit.
 *Furrow, Elsie; Kingman.
 *Gatton, Dorothy May; Burden.
 Geelan, Salome; Leecompton.
 *Gilges, Edna Elizabeth; Barclay.
 *Graham, Carl M.; Narka.
 Graves, Jane Augusta; Dunlap.

*Gregory, Lucy Norma; Atchison.
 Griffith, Glenn; Rosalia.
 Hamilton, Robert L.; Topeka.
 *Hawkins, Ruth E.; Emporia.
 Hildegrand, Susan C.; *Pawhuska, Okla.*
 *Hill, Ruth O.; Emporia.
 *Hinton, Mary; Fulton.
 Hopkins, Mrs. Della; *Oxford, Ohio.*
 *Hotze, Bertha; Richland.
 *Hudson, Amy Elizabeth; Emporia.
 *Hungerford, Ruth; Emporia.
 Iobe, Victor; Emporia.
 *Johnson, Addie V.; *Lockney, N. Mex.*
 *Jones, Fern L.; Emporia.
 *Kienast, Hilda; Frankfort.
 King, Eva S.; Emporia.
 Kirwan, Ida; Bendena.
 Knisely, Alta; La Cygne.
 *Koelsch, Hettie; Ellinwood.
 *Krause, Anna; Marysville.
 *Laird, Minnie; Harper.
 *Lambert, Edith; El Dorado.
 *Lancaster, Mrs. Miriam; Nickerson.
 *Lewis, Adelaide; Emporia.
 *Livingston, Hazel E.; Miltonvale.
 *Lund, Katherine; Alma.
 *McConnell, Marsee; Lafontaine.
 *McCuthcheon, Martha; Emporia.
 *McMillen, Inez; Lost Springs.
 *McNerney, Anna; Lucas.
 *Manly, J. W.; Diamond Springs.
 Marsh, Garnett; Emporia.
 Martin, Hazel; Emporia.
 *Miller, Ralph; Garden City.
 Myers, Victor; Hamilton.
 *Nelson, Anna; Falun.
 Neice, Donald; *Peoria, Ill.*
 Nielson, Rosa; Allen.
 *Northington, Ethel; Emporia.

HIGH SCHOOL SENIORS—*Continued.*

- Noyes, Henry D.; Emporia.
 *Rages, E. A.; Emporia.
 *Rishel, Marilla Beth; Emporia.
 *Rogers, Mrs. C. W.; Emporia.
 Rogers, Gertrude; Burr Oak.
 Schrieber, Edna; Lost Springs.
 Schroeder, Justin C.; Emporia.
 *Shellenberger, Esther; Bushong.
 *Smith, Lillian Ray; Rosalia.
 *Stewart, Bertie; Ft. Scott.
 Stout, Nellie G.; Emporia.
 *Tunney, Ethel; Emporia.
 Van Voris, Lucile; Emporia.
 Waite, Earl; Emporia.
 *Warren, Mary Emily; Emporia.
 Wassenberg, Minnie; Marysville.
 *Wecker, Emma; Emporia.
 Wells, Donald L.; Emporia.
 *Wieland, Roy; Emporia.
 *Willey, Ruth; *Liberty, Neb.*
 *Wilmore, Myrtle; Emporia.
 Woodard, M. Florence; Emporia.
 *Woolley, Hazel; Solomon.
 *Yinger, R. Verne; Johnson.
 *Young, Crystal; Savonburg.

HIGH SCHOOL JUNIORS

- *Alexander, Gertrude; Emporia.
 Alsop, Gwendolyn; Wakefield.
 Alsop, Lela Grace; Wakefield.
 *Anderson, Ada F.; Homewood.
 Antle, Clifford Lee; Emporia.
 *Ashenfelter, Hazel; Emporia.
 *Atkinson, Lucina; Emporia.
 *Baker, Mary; *Carlton, Neb.*
 *Balzer, Isaac H.; Buhler.
 *Belton, Esther; Lost Springs.
 *Belton, Lily; Lost Springs.
 Black, Clara; Emporia.
 *Black, Margie; Allen.
 *Bowman, Everett; Fredonia.
 Botle, Joseph E.; Bennington.
 *Brown, Vanche; Neosho Rapids.
 *Buck, Myrtle; Emporia.
 *Byler, Elizabeth; Newton.
 *Cain, Louis A.; Yates Center.
 Campbell, Gladys; Emporia.
 Cavanagh, Esther; Ozawkie.
 *Chalk, Bethel; Wathena.
 *Cole, Perley; Bennington.
 *Crane, Dorothy E.; Howard.
 Cunningham, Sadie; Americus.
 Curtis, Lillian R.; McCracken.
 *Dakin, Myrtle; *Drexel, Mo.*
 *Davis, Manda; Clearwater.
 *Dean, Emma Mildred; Nickerson.
 Dent, Ellsworth; Council Grove.
 Duer, Joe; Zenith.
 Duggan, Josephine; Tampa.
 Duggan, Julia; Tampa.
 Duncan, Alice; Emporia.
 Eastman, Grace; Matfield Green.
 Eastman, Josie; Matfield Green.
 *Edwards, Margaret; Emporia.
 *Fagerburg, Ellen; Olsburg.
 *Fairman, Alma; Fulton.
 Fisher, Simon; Cedar Point.
 *Forbes, Eunice; Emporia.
 French, John W.; Emporia.
 Frey, Lena; Vassar.
 Gibson, Mrs. Iola; Burden.
 Gravette, Marguerite; Garden City.
 *Green, Lola Mae; Le Roy.
 *Greenlee, John J.; Americus.
 Griffin, Jasper; Baldwin City.
 Griffin, Lester; Baldwin City.
 *Gross, Vesta; Emporia.
 Gunzelman, Bessie; Emporia.
 *Hamer, Dorothy; Emporia.
 *Hammond, Clara; *Lamar, Colo.*
 *Harmon, Chloe; Sun City.
 Harrison, Opal; Fulton.
 Hatcher, Paul; Emporia.
 *Heizer, Charles; Osage City.
 Hemenway, Ruth; Emporia.
 Hetherington, Kathryn; Emporia.
 *Hiller, Clara; Mentor.
 *Hilton, Zelma; Emporia.
 Holroyd, Flora; Sedan.
 Hook, Ruth; Emporia.
 Houghton, Maude M.; Emporia.
 Houser, Kittie; Atlanta.
 Howell, Thomas A.; Emporia.
 *Jackson, Leila; Caney.
 James, Inez; Emporia.
 *James, Steva Pearl; Emporia.
 *Johnson, Ellen; Assaria.
 Johnson, Eva R.; Phillipsburg.
 Johnson, Merrill; Phillipsburg.
 *Joslin, Pearle Daisy; Nickerson.
 *Kendig, Chester; Emporia.
 Knight, Paul H.; Emporia.
 Knox, Brevard; Norcat.
 *Kuykendall, Elsie Mae; Osage City.
 *Kuykendall, Myrtle; Osage City.
 Kygar, Grace; Havana.
 *Leazenby, Manella E.; Emporia.
 Letourneau, Clara; Aurora.
 *Lindholm, Victoria; Falun.
 *McCauley, Edna D.; Berryton.
 McElfresh, Carrie; Allen.
 *McInnes, Hazel; Allen.
 *Mabie, Alice; Geneva.
 Maill, Olga; Elmo.
 Manly, Roy F.; Diamond Springs.
 Maul, Charles; Kansas City.
 *Metcalfe, Mary; Council Grove.
 Miller, Gwladys; Salina.
 Morris, Norma; Chase.
 Nelson, Esther L.; Herington.
 *Nelson, Louise M.; Allen.
 Nelson, Minnie; Allen.
 Noffsinger, Geraldine; Fall River.
 Owen, Oscar; Elk City.
 *Patterson, Genevieve; Barnes.
 Payne, Lulu B.; Howard.
 Peek, Milton; Webber.
 *Peters, Helen; Emporia.
 Peterson, William; Delavan.
 *Phillips, Warren; Emporia.
 *Potter, Frances; Emporia.
 *Rathburn, Eva; Sedan.
 Rhea, Nellie; Utica.
 *Ricker, Ruth; Emporia.
 Rogers, Blanche; Toronto.
 *Saunders, Gwinn; Humboldt.
 *Scott, Florence; Spearville.
 *Scott, Myra; Hepler.
 Seacatt, Jessie; Bucklin.
 Sellers, Leslie R.; Neosho Rapids.
 *Showalter, Oliver P.; Conway.
 *Simmons, Iva Martha; Ottawa.
 *Simpkins, Alice Daisy; Hugoton.
 Sloan, Ruth; Zenda.
 *Smiley, Hazel Nell; Silver Lake.
 *Snodgrass, Leota B.; Council Grove.
 Sower, Granten; Elma.
 *Spade, Hulda E.; Emporia.
 *Speer, Vering; Emporia.
 Spivey, William; Minneapolis.
 *Staley, Lora; Ottawa.
 *Stannard, May; Emporia.
 *Stark, Edith; Lucas.

HIGH SCHOOL JUNIORS—Continued.

- Stone, Karl; Bucklin.
 *Stout, Rose; Emporia.
 *Stringham, Ava; Williamsburg.
 Strube, Ernest R.; Emporia.
 Timmons, Leonard; Emporia.
 *Tischauer, Edna; Wilsey.
 *Todd, Jennie; Emporia.
 Troll, Matilda; Emporia.
 Tunney, Leslie O.; Emporia.
 Turkle, Dwight; Emporia.
 *Ullman, Margaret; Severy.
 Valyer, Ernest; Allen.
 *Vandivort, Carmen; Admire.
 *Van Gundy, Ethel; Neosho Rapids.
- Wackerle, Abbie; Chetopa.
 *Waidley, Mattie; Clements.
 *Waters, Dorothy; Oketo.
 Watkins, Myron; Emporia.
 *Watts, Myrtle; Burlington.
 Wendland, Alvin O.; Winkler.
 *Wheat, Addie; Admire.
 Whiteley, Otis; Emporia.
 *Whitford, Lela; Stockton.
 Whitlow, Helen; *Okmulgee, Okla.*
 Whitney, Mary C.; Emporia.
 *Wileman, Frances F.; Seneca.
 *Williams, Lewis; Emporia.
 Wilson, Gladys; Emporia.

HIGH SCHOOL SOPHOMORES.

- Agrelus, Claire; Emporia.
 *Aikin, Laura E.; Enterprise.
 *Ard, Hazel R.; Elsmore.
 Barnhart, E. Earl; Overbrook.
 *Barr, Maude; Emporia.
 *Battle, Ada G.; *Fallis, Okla.*
 Bear, James; Russell.
 Belton, Celia; Lost Springs.
 *Bender, Etta May; Emporia.
 Buck, Francis E.; Emporia.
 Burk, Gloyd; Emporia.
 *Cadwalader, Jesse; Bellaire.
 *Carroll, Jessamine; Emporia.
 Chappell, Olga; Haddam.
 *Cleland, Martha; Emporia.
 Clow, Ruth; Emporia.
 Coker, Lucinda; Earlsboro.
 Cole, Benjamin; Emporia.
 *Coleman, Mrs. Bessie; Alma.
 Coleman, Willis Leroy; Overbrook.
 Cook, Hartwell; Emporia.
 Curtis, Gladys; McCracken.
 Curtis, Jesse Paul; McCracken.
 *Davis, Esther; Emporia.
 Davis, Hartsel; Olpe.
 Davis, Mount Erwin; Douglass.
 Dees, Jarvis; Emporia.
 DeVault, John H.; Emporia.
 *DeVinney, Corinne; Lincoln.
 Dumm, Edward; Emporia.
 Eastman, Blanche; Matfield Green.
 *English, Kimball; Kansas City.
 *Ferrell, Mary Jane; Independence.
 Fisher, F. Helen; Emporia.
 Fisher, Josephine; Emporia.
 Fisher, Mrs. Opla; Emporia.
 Focht, Marie; Emporia.
 French, Esther; Emporia.
 Frey, Mae; Vassar.
 Froberg, Edwin; Waterville.
 Fuller, Frank A.; Madison.
 *Fuller, Mollie V.; Saffordville.
 *Fulmer, Mabel; Cherryvale.
 Gist, Mrs. Effie; Emporia.
 Godsey, Mabel; Emporia.
 *Graham, Cora B.; Americus.
 Grant, Malvina; *Ferlton, Okla.*
 Gunzelman, Dewey; Emporia.
 *Hankins, Ruby; Chetopa.
 Hatcher, Isaacs; Emporia.
 Hatcher, Mary; Emporia.
 *Hazen, Gertrude; Denton.
 Hershey, Dollie Irene; Milton.
- Hibner, Avery; Lawrence.
 *Hoatson, Hilda; Emporia.
 *Holm, Olga; Irving.
 *Holman, India; Reading.
 Irwin, Jennie; Emporia.
 *Jackson, Leta; Emporia.
 *Jeremy, Ralph; Emporia.
 Johnson, Challice; Phillipsburg.
 *Jones, June Marie; Emporia.
 Jones, Ross; Le Roy.
 *Kackley, Josephine; Garden City.
 Kissel, Mae; Spearville.
 *Kroth, Lilah; Soldier.
 Kurt, Julius John; Kingman.
 *Lamb, Edith; Alamota.
 McConnell, Nellie; Council Grove.
 *McMorris, Ada Grace; Washington.
 McNutt, Florence; Emporia.
 *Meyer, Florence; Anthony.
 Morgan, Mrs. Valda C.; Emporia.
 *Murdock, Ora; Ness City.
 Nelson, Robert R.; Hooser.
 Nichols, Esther; *Drexel, Mo.*
 *Noakes, Charles; Americus.
 Owen, Jennie; Emporia.
 Purkable, Glen; Eureka.
 *Reed, Birdie; Marion.
 Rich, Emmett; Prescott.
 Rogers, Clarence W.; Toronto.
 Ross, Florence; Meade.
 Ross, Neva; Meade.
 *Roth, Christine; Emporia.
 Runyan, Viva May; Barclay.
 Secrest, Arthur; Hudson.
 Shank, Winnie M.; Fall River.
 *Smith, Alma May; Emporia.
 Spence, Mildred L.; Emporia.
 Stout, Dale C.; Emporia.
 Stout, Martha D.; Emporia.
 Tague, Irma; Hutchinson.
 Tipton, Captolia; Parsons.
 *Van Buskirk, J. R.; El Dorado.
 *Warner, Clara; Lebanon.
 *Warrington, Arlo V.; Fredonia.
 *Watkins, Gwendolyn; Emporia.
 *Welch, Marion; Emporia.
 Wendland, Franklin; Winkler.
 *Whitton, Emma S.; Kiowa.
 *Wiershing, Maude; Reece.
 Williams, Orlesta; Hugeton.
 *Wise, Verna; Louisburg.
 Yinger, Leah; Johnson.
 *Zavodsky, Anna May; Cuba.

HIGH SCHOOL FRESHMEN.

- Aldridge, Mrs. James; Emporia.
 Andreas, William; Emporia.
 Archer, Anna; Emporia.
 *Arnold, Iris; Emporia.
 Baldwin, Marvin; Neal.
- Balmer, Marie; Emporia.
 Barnes, Mat E.; Coldwater.
 Bates, Marcis; Republic.
 Baugh, Lawton; Emporia.
 Benedict, Marvin; Olpe.

HIGH SCHOOL FRESHMEN—*Continued.*

- *Blamfield, Emilie; Lincoln.
- Boyles, Glenn; Emporia.
- Boyles, Thomas; Emporia.
- Bramwell, Nelda; Concordia.
- Brown, Susie; Lawrence.
- Campbell, Edna; Ogden.
- Campbell, Jean; Ogden.
- Cavanagh, W. J.; Ozawkie.
- *Childers, Nellie; Emporia.
- Clyde, Nellie; Emporia.
- *Cotton, Pearl; Emporia.
- Cox, Clara; Emporia.
- *Dahm, Rosa; Great Bend.
- *Dalrymple, Goldie; Emporia.
- *Davis, Florence; Clearwater.
- *Duering, Mary; Walnut.
- Dunfield, Roy; Lebo.
- *Durell, Ellanor; Council Grove.
- Edwards, Ether K.; Sylvia.
- Edwards, Marjorie; Emporia.
- Engle, Armelita; Lawrence.
- *Fagerberg, Vida J.; Olsburg.
- *Fawl, Arthur M.; Overbrook.
- *Fenlon, Veryl; Emporia.
- *Fuqua, Hazel Irene; Emporia.
- *Garrett, Irl George; McLouth.
- *Gilman, Herold; Emporia.
- Golfin, Day; Junction City.
- Golsh, Rose; Lawrence.
- Graham, Mary; Emporia.
- Green, Jay; Sterling.
- Greenlee, Merrill; Emporia.
- *Gum, Lillie; McCracken.
- *Harnet, Kathryn; Emporia.
- Hart, Leroy; Emporia.
- Hartwell, Dorothy; Emporia.
- Hatcher, Catherine; Emporia.
- *Hawkins, Jonas L.; Emporia.
- *Hawley, Glendyn; Emporia.
- Haworth, Myrtle; Emporia.
- Henry, Gladys; Selma.
- Hoey, Elizabeth; Emporia.
- *Hofbauer, Marie A.; Healy.
- Holforthy, George W.; Hartford.
- Hopkins, Maude; Agra.
- Huenergardt, Ruth; Durham.
- *Hull, Mary L.; Wellington.
- Lee, William; Ackerland.
- Lloyd, Wilma; Emporia.
- Long, Gladys; Murdock.
- Lusher, Mabelle; Emporia.
- *McCalla, Vera; Coats.
- McConnell, Edward; Council Grove.
- *McGee, Florence; *St. Louis, Mo.*
- McGee, Lilliard; Centerville.
- *McGuirk, Maggie; Louisburg.
- McGuire, Minnie; Sharon.
- McIlvain, Giveneth; Phillipsburg.
- McIntire, Fannie; Wichita.
- McKee, Chester; Minneapolis.
- McKinley, Mrs. Harriett; Strong City.
- Manly, Harold; Diamond Springs.
- *Martin, Delilah; Medicine Lodge.
- *Mason, Carrie; *Muskogee, Okla.*
- *Matthew, David L.; Fredonia.
- Mayberry, James Willard, jr.; Emporia.
- Meier, Frederick William; Rozel.
- Miller, Alma; *Lima, Ill.*
- Moore, Marie; Emporia.
- *Morgan, Philip; Emporia.
- Morine, Beulah; Bluff City.
- Morris, Alice; Emporia.
- *Murdock, Florence; Ness City.
- Nelson, Melvin; Herington.
- *Newlin, Howard; Emporia.
- Newman, Orral; Madison.
- Norris, Nellie; Liberal.
- *Osburn, Eleanor; Viola.
- *Overpeck, Florence; Emporia.
- Pacey, Leonard; Miltonvale.
- *Perkins, Glen W.; Abilene.
- *Perry, Jessie M.; *Carter, Okla.*
- *Perryman, Ross; Overbrook.
- Phillips, Frank; Diamond Springs.
- *Praeger, Agnes; Claflin.
- Preston, Myrtle Alice; Howard.
- *Rector, Gladys; Beloit.
- Richardson, Helen L.; Sycamore.
- Ringburg, Alida; Roxbury.
- Roberts, Grace; Council Grove.
- Rogers, Minnie; Toronto.
- Rosett, Cecile; Emporia.
- *Seybert, Blanche; Alden.
- *Shanon, Edward; Uniontown.
- Shaw, Elmer M.; Emporia.
- *Shelley, May E.; Kingman.
- Smyth, Ruby; Glasco.
- Southard, Hazel; Cosmiskey.
- Sprague, Elizabeth; Emporia.
- *Sprague, Lucretia; Emporia.
- Stephens, Jessie; Emporia.
- Stollar, Letha; Emporia.
- Stollar, Paul S.; Emporia.
- Stotler, Jack; Emporia.
- Strube, Paul; Emporia.
- Strutzel, Clara M.; Olpe.
- Thompson, Lucy; Dunlap.
- *Tolin, C. M.; Soldier.
- *Trimble, Kermith; Emporia.
- Triplett, Dorothy; Emporia.
- *Tuggle, Lucille; Powhattan.
- Tuhey, Dortha; Powhattan.
- Turner, Darrell; Emporia.
- Valyer, Lois M.; Allen.
- Van Voris, Rena; Emporia.
- *Voorhees, Hannah; Olpe.
- *Wallace, Almeda; Ransom.
- *Watkins, Evangeline; Emporia.
- Weatherbee, Myrtle; Emporia.
- Weesner, Dorothy; Emporia.
- *Werner, Peter; Tecumseh.
- Whiteley, Ernest; Emporia.
- Wilkins, Helen F.; *Kansas City, Mo.*
- Willson, Garnett; Emporia.
- Wilson, Emma Loretta; Rozel.
- *Wilson, Ollin; Sedan.
- Zouzas, James; Emporia.

MUSIC.

- Anderson, Esther; Cheney.
- Andrews, Ruth; Emporia.
- Bang, Dorothea; Emporia.
- Barthel, Evangeline; Emporia.
- Bell, Hazel; Council Grove.
- Beye, Elizabeth; Emporia.
- Bramwell, Mrs. Bessie; Concordia.
- Bramwell, Daisy; Emporia.
- Brigham, Nera; Council Grove.
- Brigham, Rosalie; Council Grove.
- Brim, Grayce; Emporia.
- *Brim, Lydia; Emporia.
- Brown, Arline; Emporia.
- Burnap, Harry; Emporia.
- Burnap, Mary; Emporia.
- *Burr, Marian; Emporia.
- Cannon, Mabel; Dunavant.
- Carothers, Mrs. W. H.; Emporia.
- Carothers, Marjorie; Emporia.
- Carpenter, Leona; Thayer.
- Carr, Clifford; Emporia.
- Carter, Elizabeth Emily; Emporia.

MUSIC—Continued.

- Carter, Paul; Harveyville.
 *Clark, Lois; Emporia.
 Clark, Marjorie; Emporia.
 *Clark, Ruth; Emporia.
 Clogston, Dorothy; Emporia.
 Cooley, Hope; Emporia.
 Corbett, Winton; Emporia.
 *Corran, Ira; Emporia.
 Cowles, Effie; Emporia.
 Crandell, Kate; Peru.
 Davis, Laura; Emporia.
 Day, Charlotte; Emporia.
 *DeYoung, Ethel; Emporia.
 *Dickason, Edith M.; Emporia.
 Dorman, Victoria; Oakhill.
 Doty, Katherine; Emporia.
 Doty, Lucile; Emporia.
 Doty, Richard; Emporia.
 *Dumbauld, Cypha; Emporia.
 Dwelle, Margaret; Emporia.
 Eells, Francis; Admire.
 Fife, Marinta; Iola.
 Flook, Mildred; Waterville.
 Folsom, Blanche; Oakhill.
 Fuller, Katherine; Emporia.
 Funk, Mrs. P. C.; Americus.
 Gamble, Gertrude; Emporia.
 Gaul, Blanche; *El Paso, Tex.*
 George, Florence; Emporia.
 Gilson, Marjorie; Emporia.
 Glaspe, Maxine; Emporia.
 Granger, Frances; Emporia.
 Grant, Ethel; Emporia.
 Gufler, Dorothea; Emporia.
 Hamlin, Roberta; Emporia.
 Haynes, Virginia; Emporia.
 Haywood, Elizabeth; Emporia.
 Hellman, Edwin; Emporia.
 Hering, Kitten; Lost Springs.
 Hill, Duryee; Emporia.
 Hodges, Mabel; Emporia.
 Huggins, Mary; Emporia.
 Humphrey, Mary; Emporia.
 Hunter, Adelaide; Emporia.
 Johnson, Clara Maude; Council Grove.
 Jordan, Mark; Emporia.
 Keech, Edith E.; Emporia.
 Kidd, Anna; Council Grove.
 Link, Eugene; Emporia.
 Malcolm, Irene; Oakhill.
 Martin, Irene; Emporia.
 Merrifield, Mrs. Leola; Emporia.
 Miller, Hortense; Emporia.
 Mitchell, Christine; Emporia.
 Mitchell, Margaret; Emporia.
 *Munson, Merle; Wetmore.
 Northcutt, Richard; Emporia.
 Nusbaum, Lela; Bern.
 Parsons, Florence; Hugoton.
 Payne, Ruth E.; Emporia.
 Peck, Zemira Ann; Valley Falls.
 *Peters, Margaret; Emporia.
 Rhodes, Rosa N.; Meade.
 *Richardson, Lillian; Emporia.
 Riddle, Caroline; Emporia.
 *Ridenour, Lula; Emporia.
 Roberts, Catherine; Emporia.
 Rogers, Juanita; Emporia.
 *Rupard, Pearl Marie; Elk City.
 Sallee, Dorothy; Emporia.
 Samuels, Owen; Emporia.
 *Sanders, Frances; Osage City.
 *Schnelle, Sarah Anna; *Ponce de Leon, Mo.*
 *Schriver, Alice Davis; Florence.
 Shaw, Violet; Emporia.
 Smith, Lela; Emporia.
 *Snyder, Esther; Emporia.
 Spears, Lucretia; Ottawa.
 Spielman, Mrs. A. D.; Emporia.
 Starkey, Louise; Emporia.
 *Steinmetz, Ruth Margaret; Emporia.
 Steward, Mabel; Emporia.
 *Strawman, Ethel Alice; Emporia.
 Thomas, Gladys; Emporia.
 Thomas, Marjory E.; Emporia.
 Thompson, Rilie; Emporia.
 Thomson, Edna; Emporia.
 Tilford, O. Blaine; Emporia.
 Todd, Nell; Emporia.
 Turner, Mrs. Irene; Emporia.
 Tyler, Bettie F.; Abilene.
 Vaughan, Beulah; Emporia.
 VerBrugge, Adriana; Emporia.
 Wayman, Mrs. Lee; Emporia.
 Wilhite, Genevieve; Emporia.
 *Wilson, Ethel; Emporia.
 *Wilson, Violet; Emporia.
 *Wolwine, Catherine; Saffordville.

UNCLASSIFIED.

- *Adams, Mabel E.; Osage City.
 *Archer, Edna; Garnett.
 *Banks, Winifred; Whiting.
 *Bartley, Columbia Elizabeth; Powhattan.
 *Becker, Myrtle; Emporia.
 *Bishop, Pauline E.; *Guthrie, Okla.*
 *Blondefield, Lola; McPherson.
 *Bowlin, Willie E.; Topeka.
 *Bowmaster, Pearl G.; Powhattan.
 *Buffon, Marjorie E.; Powhattan.
 *Campbell, Josephine; Abilene.
 *Campbell, Julia; Marion.
 *Chaffee, Alma; Sanford.
 *Chamberlin, Florence G.; Gridley.
 *Christison, Beatrice; Lebo.
 *Clark, Edith E.; Ottawa.
 *Clements, Mrs. Bertha; Emporia.
 *Coburn, Richard; Preston.
 *Coe, Walter J.; Chanute.
 *Coerber, Anna; Deerfield.
 *Corning, Myra M.; Topeka.
 *Cornish, E. D.; Emporia.
 *Davis, Ethel; Council Grove.
 Davis, Grace; Sedan.
 *DeArmond, Eugene John; Holton.
 Devlin, Claire; Leavenworth.
 *Doherty, Inez; Cambridge.
 *Donnell, Jessie; Topeka.
 *Eagles, Dora; Thayer.
 *Ebeling, Anna Louise; Severance.
 *Eccles, Eveline; Hutchinson.
 *Eichenberger, Flora; Holton.
 *Elbert, Cliffe; McPherson.
 *Eliason, Mabel; Gypsum.
 *Elliott, Alta; Topeka.
 *Elmore, Lela L.; *Kansas City, Mo.*
 *Evans, Mary Louise; Shannon.
 *Everline, Emma A.; Garnett.
 *Fergus, Malcom Robert; Garnett.
 *Ferguson, Lulu A.; Sterling.
 French, Esther S.; Olpe.
 *Garner, John T.; Morehead.
 *Goodwin, Maude; *Chicago, Ill.*
 *Grant, Vernon L.; Emporia.
 *Greene, W. D.; Bazaar.
 *Haag, Louis E.; Lyons.
 *Hadorn, Emma; Irving.
 Hall, Durell; Emporia.
 *Hampton, Wilma; Emporia.
 *Harris, Jessie F.; Utopia.
 *Harrison, Myrtle; Bern.
 *Harry, Ethyle; Beattie.
 *Hinkle, Gladys; Powhattan.
 *Holloway, Ruby; *Collinsville, Okla.*

UNCLASSIFIED—Continued.

- *Hopson, Eva; Wellington.
- *Keene, Hattie; Wellsville.
- *Kellogg, Ethel L.; Wellington.
- *Kerr, Mrs. David; Emporia.
- *Kerr, Maude C.; Wichita.
- *Kerr, Walter E.; *Red Fork, Okla.*
- *Killoren, Lurah N.; Powhattan.
- *Lachenmaier, Addie; Clyde.
- *Laird, Neva; Harper.
- *Lake, Ella; Medicine Lodge.
- *Lansdown, Katie; Wichita.
- *Lawson, Mary F.; *El Reno, Okla.*
- *Lewis, Bessie A.; Strong City.
- *Lewis, Grace; Mayetta.
- *Lill, Alice; Leon.
- *Lyman, Mrs. Laura; Fairview.
- *Lyons, Ida Grace; Lawrence.
- *McCabe, Maggie; Kansas City.
- *Magill, Etta; Mayfield.
- *Mathewson, Grace; Great Bend.
- *Mauck, Mrs. Meda; Emporia.
- *Maupin, Mrs. Rella; Stafford.
- *Mickel, Clifford; Soldier.
- *Millson, Alice Myrtle; Yates Center.
- *Moore, Amanda; *Kansas City, Mo.*
- *Mullins, Ruby; Newton.
- *Munsell, Elsie; Atchison.
- *Norton, Clarence M.; Garnett.
- *Norton, Meriedith; *Schell City, Mo.*
- *Norwood, Aurora; *Carthage, Mo.*
- *Patterson, Mary; Topeka.
- *Phoenix, Mrs. Bertha; Emporia.
- *Pierson, Blanche; Wheaton.
- *Poeck, Mrs. Sybil; Dodge City.
- *Randolph, Mrs. W. E.; Fairview.
- Rasmussen, Gottfrey; Emporia.
- *Reitzel, Vera M.; Barnes.
- *Render, Ethel H.; Powhattan.
- *Rowan, Jessie; Buffalo.
- *Ruble, Mary Margaret; Parker.
- Seaver, Mabelle; Nickerson.
- *Shafer, Bess; Vermilion.
- *Shakeshaft, Beatrice; Topeka.
- Shemwell, Clifford; Norton.
- *Shields, Otto; Tescott.
- *Shim, Edward Loy You; Manhattan.
- Shupe, Lola; Sitka.
- *Slocum, Margaret; Dodge City.
- *Smith, Myrtle; Latham.
- *Stacey, Jeanette; Wichita.
- Stauffer, Raymond B.; Emporia.
- Steele, Ethel; *Tulsa, Okla.*
- Stewart, Elizabeth C.; Wichita.
- *Stotler, Katherine; Emporia.
- Taylor, Helen; Emporia.
- *Taylor, Mrs. Margaret; Sterling.
- *Thompson, Ida M.; Leavenworth.
- Tidd, Mrs. George W.; Emporia.
- *Turk, H. E.; Talmage.
- *Unruh, Francis; Marysville.
- *Vogel, Netta; Home.
- *Weimer, L. Anita; LeRoy.
- *Welchon, Mildred; *McLoud, Okla.*
- Wells, George K.; Emporia.
- Willig, Lucy; Kiowa.
- *Wilson, Effie; Frankfort.
- *Young, Carrie; Howard.
- *Young, Minnie; Howard.

ENTERED FOR SPRING TERM, APRIL 2, 1917.

- Addington, Laura; Arkansas City.
- Ainsworth, J. W.; Rush Center.
- Anderson, Della; Alma.
- Austin, Rhoda; Madison.
- Barham, De Etta G.; Alma.
- Bartholomew, Hazel; Hudson.
- Booth, Inez Gertrude; Waverly.
- Brandner, Fred A.; Burns.
- Burns, Doloretta; Tonganoxie.
- Butz, Effie Mae; Oneida.
- Carpenter, Lucile; Burlington.
- Carpenter, Margaret E.; Council Grove.
- Clark, Wilbur; Dodge City.
- Clements, Ruth; Maple Hill.
- Coffman, Katherine; Scranton.
- Cunningham, Eva Marie; Greeley.
- Cutmyer, Dayl; Eureka.
- Darrah, Bess Lillian; McPherson.
- Day, Jessie; Eskridge.
- Decker, Edna Virginia; Moundridge.
- Delaney, Alice; Dighton.
- Dillet, Grace; Mitchell.
- Dillet, Laura; Mitchell.
- Dille, Mary L.; Alta Vista.
- Dodge, Arda; Alma.
- Durrin, Madge; Neodesha.
- Eldred, Cornelia; Paola.
- Eldred, Ruth; Paola.
- Fairchild, Lucy R.; Earlton.
- Fairchild, Nettie Eleanor; Earlton.
- Faler, Edgar H.; Sterling.
- Fisher, Samuel A.; Alta Vista.
- Forrester, Nora; Moline.
- Fulk, Inez; Lebo.
- Galutia, Blanche Mae; Alma.
- Gantenbein, Viola; Dillon.
- Gaston, Tressie; Glen Elder.
- Gaughan, Nellie; Reading.
- Gleason, Alice E.; Alta Vista.
- Grady, Mary; Lansing.
- Griffeth, Mabel; Centralia.
- Hall, Margaret; McPherson.
- Halverson, Anna; Morganville.
- Ham, Arthur; Wilsey.
- Hamble, Hazel Mae; Emporia.
- Hashbarger, Frances; Kincaid.
- Haworth, Bessie; Emporia.
- Hensley, Vera; Emporia.
- Hill, Mildred; Emporia.
- Hillman, Vergie; Hamilton.
- Hoadley, Alice; Cimarron.
- Houghton, Rua; Neosho Rapids.
- Howk, Ruth E.; *Plato, Mo.*
- Jennings, Gertrude; Cawker City.
- Keyser, Melba; Westmoreland.
- Kroth, Lilah; Soldier.
- Langley, Eva; Olpe.
- Lannon, Connor; Soldier.
- Lapham, Elizabeth; Emporia.
- Lovett, Hazel; Toronto.
- Lentz, Edith; Arlington.
- Lindholm, Victoria E.; Falun.
- McClennahan, Florence; Lewis.
- McClelland, Mae; Lawrence.
- McCollough, Mary; Chanute.
- McDivitt, Beulah; Alta Vista.
- McDivitt, Lillie; Alta Vista.
- McDonald, Bertha; Hartford.
- McIntosh, Buell E.; Wilsey.
- McMullen, Edith A.; Melvern.
- Marshall, Lois; Moline.
- Matthew, Mae; Thayer.
- Merrell, May; Admire.
- Meseke, Della Bertha; Alta Vista.
- Miller, Anna J.; Gardner.
- Mitchell, Dow; St. Francis.
- Mitchell, Estella; St. Francis.
- Montgomery, Margaret Gray; Emporia.
- Moore, Ruby; Clay Center.
- Morgan, Mable B.; Howard.
- Morman, Elizabeth Ann; Neosho Rapids.

ENTERED FOR SPRING TERM, APRIL 2, 1917—*Continued.*

Morris, Della M.; Clements.	Senger, Agnes K.; Meade.
Murphy, Virgie; Wamego.	Shaw, Beulah; Louisville.
Musch, Grace; Elmo.	Short, Sybil; Fredonia.
Neill, Nelle; Emporia.	Silknitter, Grace Faye; Wichita.
Nelson, Chloe; Bushong.	Skupas, Christopher; Emporia.
Nelson, Nora; Herrington.	Smith, James Marion; Lost Springs.
Newman, Asel; Mound City.	Snyder, H. Earl; Galesburg.
Niederlander, Elsie; Marquette.	Stice, Faye; Alta Vista.
O'Farrell, Ruth; Emporia.	Stroud, Maude Louetta; Reading.
Officer, Cleo; Hillsdale.	Thomson, Evelyn; Osage City.
Palmer, Alice B.; Miltonvale.	Toothaker, Lee; Westmoreland.
Powell, La Verna; Burlingame.	Templeman, Evelyn; Altoona.
Puff, Gertrude; Hartford.	Throckmorton, Nellie; Le Roy.
Rasmussen, Anna H.; Westphalia.	Varner, Susie E.; Nortonville.
Rayson, Flora Bell; Hamilton.	Vaughn, Flossie Esther; Madison.
Reese, Zona Priscilla; Pratt.	Wagler, Mattie; Bucklin.
Reever, Helen M.; Norton.	Waller, Juanita; Emporia.
Reynolds, Grace; Erie.	Ward, Inez E.; Le Roy.
Riegle, R. Wilford; St. John.	Weller, Emma; Americus.
Scott, Helen Ursula; Westmoreland.	Wenger, Marie; Junction City.
Scott, Laila; Burlington.	Wenger, Matilda; Junction City.
Seacatt, Ethel; Bucklin.	West, Harriett; Cawker City.
Searle, Frances; Oskaloosa.	

ELEMENTARY SCHOOL.

329 pupils.

SUMMARY OF ATTENDANCE.

COLLEGE.				
Graduates.....	60		Elementary Training School.....	329
Seniors.....	180		Music.....	123
Juniors.....	291		Unclassified.....	120
Sophomores.....	553		Correspondence.....	341
Freshmen.....	1,385		Extension.....	65
		2,469	Night School.....	145
				1,123
HIGH SCHOOL.			Grand total.....	
Seniors.....	165			4,178
Juniors.....	159			
Sophomores.....	114			
Freshmen.....	148			
		586		

KANSAS COUNTIES REPRESENTED.

The following-named counties—101 in all—were represented during the past year. As younger children make up the classes in the primary, intermediate and grammar grades of the Elementary School, the pupils listed there are largely from Emporia or from the immediate vicinity. Many pupils who are enrolled as from Emporia or Lyon county belong to families who are residing here temporarily for the purpose of educating their children.

Allen.....	51	Greeley.....	2	Ottawa.....	19
Anderson.....	47	Greenwood.....	68	Pawnee.....	11
Atchison.....	26	Hamilton.....	4	Phillips.....	14
Barber.....	19	Harper.....	24	Pottawatomie.....	25
Barton.....	14	Harvey.....	26	Pratt.....	7
Bourbon.....	22	Haskell.....	1	Rawlins.....	2
Brown.....	40	Hodgeman.....	3	Reno.....	41
Butler.....	49	Jackson.....	37	Republic.....	15
Chase.....	32	Jefferson.....	36	Rice.....	18
Chautauqua.....	20	Jewell.....	16	Riley.....	18
Cherokee.....	4	Johnson.....	18	Rooks.....	6
Cheyenne.....	4	Kearny.....	7	Rush.....	10
Clark.....	9	Kingman.....	17	Russell.....	6
Clay.....	35	Kiowa.....	7	Saline.....	40
Cloud.....	32	Labette.....	24	Scott.....	3
Coffey.....	54	Lane.....	8	Sedgwick.....	52
Comanche.....	4	Leavenworth.....	47	Seward.....	9
Cowley.....	38	Lincoln.....	15	Shawnee.....	66
Crawford.....	15	Linn.....	22	Sherman.....	3
Decatur.....	5	Lyon.....	1,162	Smith.....	17
Dickinson.....	57	Marion.....	86	Stafford.....	23
Doniphan.....	24	Marshall.....	66	Stanton.....	2
Douglas.....	41	McPherson.....	46	Stevens.....	7
Edwards.....	11	Meade.....	13	Sumner.....	40
Elk.....	27	Miami.....	33	Thomas.....	2
Ellis.....	1	Mitchell.....	18	Trego.....	4
Ellsworth.....	4	Montgomery.....	44	Wabaunsee.....	48
Finney.....	19	Morris.....	46	Wallace.....	1
Ford.....	25	Nemaha.....	45	Washington.....	34
Franklin.....	35	Neosho.....	41	Wichita.....	1
Geary.....	16	Ness.....	16	Wilson.....	39
Graham.....	5	Norton.....	7	Woodson.....	28
Grant.....	1	Osage.....	69	Wyandotte.....	45
Gray.....	6	Osborne.....	8		

FROM OUTSIDE COUNTIES OF KANSAS.

Arkansas.....	2	Kentucky.....	1	Ohio.....	1
Colorado.....	3	Missouri.....	23	Oklahoma.....	29
Idaho.....	1	Nebraska.....	5	Philippine Islands.....	1
Illinois.....	5	New Mexico.....	1	Texas.....	7

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